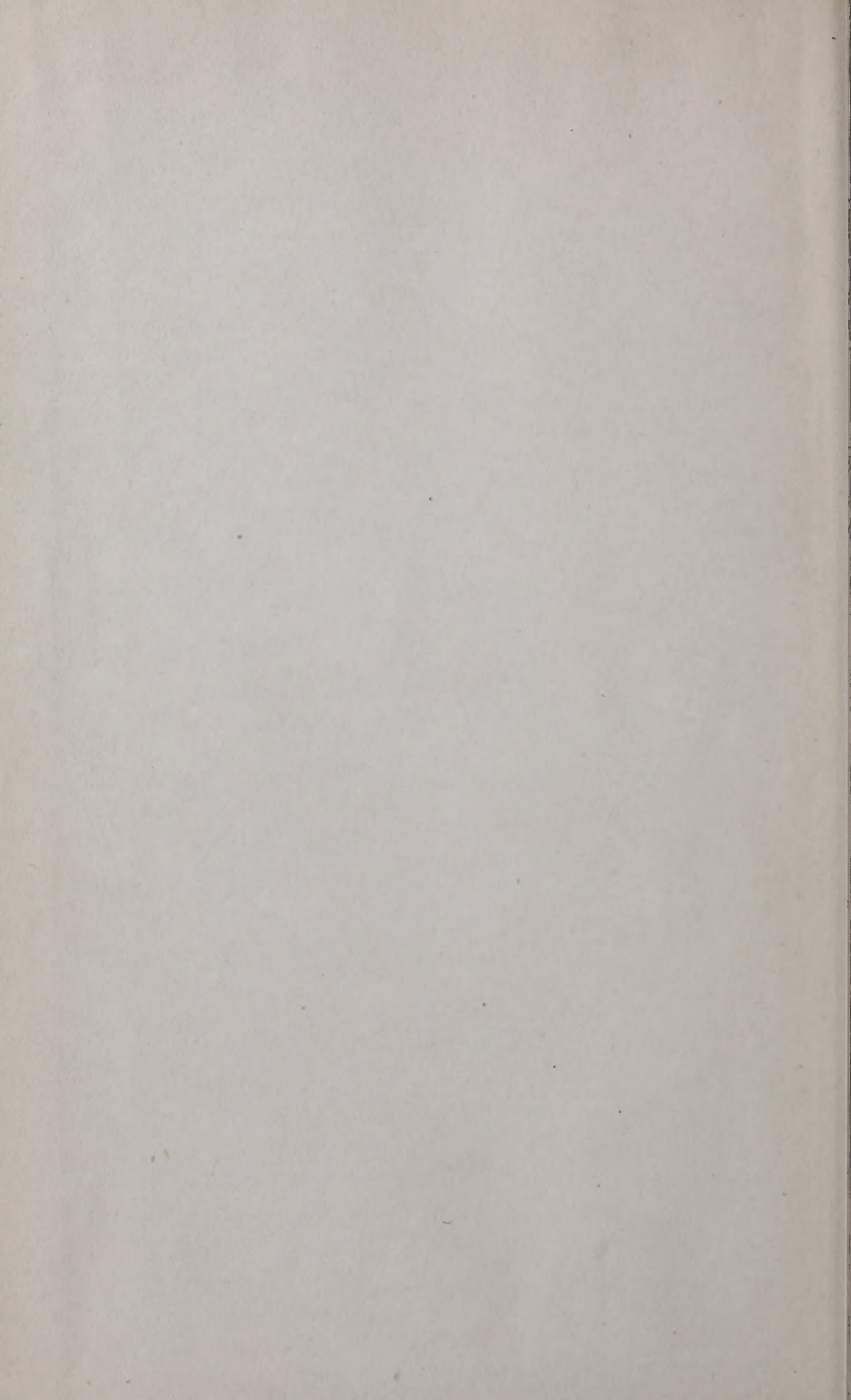


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Melrose, Massachusetts





REPORTS

OF THE

TOWN OFFICERS OF MELROSE

FOR THE

FINANCIAL YEAR

ENDING DECEMBER 31, 1893.

MELROSE :

DUNTON & POTTER, PRINTERS, REPORTER OFFICE.

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TOWN OFFICERS FOR 1893-94.

SELECTMEN.

DANIEL NORTON, Chairman, C. W. COOK, E. H. MOORE,
W. A. WATERHOUSE, SIDNEY H. BUTTRICK.

TOWN CLERK.

JOHN LARRABEE.

TREASURER.

GEORGE NEWHALL.

COLLECTOR OF TAXES.
ADDISON LANE.

ASSESSORS.

HENRY A. LEONARD,	Term expires 1894.
GEO. C. STANTIAL, Chairman,	" 1896.
DEXTER PRATT,	" 1895.

WATER COMMISSIONERS.

WILBUR D. FISKE, Chairman,	Term Expires 1895.
GEO. L. MORSE,	" 1896.
GEORGE J. BICKNELL,	" 1894.

WATER LOAN SINKING FUND COMMISSIONERS.

DANIEL RUSSELL, Chairman,	Term expires 1896.
ROYAL P. BARRY,	" 1894.
JOHN W. FARWELL,	" 1895.

SCHOOL COMMITTEE.

JOHN O. NORRIS, Chairman,	Term expires 1896.
BESSIE B. DEARBORN,	" 1896.
JOHN C. MAKER,	" 1894.
MRS. ARETHUSA K. MILLER,	" 1894.
WILLIAM D. STEWART,	" 1895.
ELLA F. McDONALD,	" 1895.

TRUSTEES OF THE PUBLIC LIBRARY.

ELBRIDGE H. GOSS, Chairman,	Term expires 1896.
CHARLES C. BARRY,	" 1895.
CHARLES A. PATCH, Treasurer,	" 1896.
MARY L. CHARLES, Secretary,	" 1894.
RUBY F. FARWELL,	" 1895.
GEO. E. MUNROE,	" 1894.

AUDITOR.

EDWIN C. GOULD.

SUPERINTENDENT OF STREETS.
WALTER B. ELLIS.

OVERSEERS OF THE POOR.

HENRY G. FIELDS, Chairman,	Term expires 1894.
J. T. NOWELL,	" 1896.
MRS. MARTHA D. BALE,	" 1895.

TOWN OFFICERS FOR 1893-94.

BOARD OF HEALTH.

JOHN DIKE, M. D., Secretary,	Term expires 1894.
FRANK L. WASHBURN,	" 1896.
JOHN E. SANBORN, M. D., Chairman,	" 1895.

PARK COMMISSIONERS.

M. G. COCHRANE,	Term expires 1894
CHAS. H. ADAMS, Chairman,	" 1895.
GEORGE T. BROWN,	" 1895.

REGISTRARS OF VOTERS.

ALFRED HOCKING, Chairman,	Term expires May 1, 1896
WALTER BABB,	" " 1895.
VICTOR C. KIRMES,	" " 1894.

JOHN LARRABEE, Town Clerk, *ex-officio*.

CONSTABLES.

ANSEL B. PIERCE,	FRANK M. McLAUGHLIN.
OSBORNE E. DROWN,	C. F. W. FOGG.

ENGINEERS OF FIRE DEPARTMENT.

A. WILBUR LYNDE, Chief,	ALBON W. PARKER,
SAMUEL LEAR, Clerk.	

FOREST FIRE WARDS.

DEXTER PRATT, Chairman,	CHASE C. WORTHEN Clerk,
CALVIN LOCKE,	JAMES MARSHALL,
HENRY, BARRON.	

MEASURERS OF WOOD AND BARK, WEIGHERS OF HAY AND COAL.

CHARLES B. GOSS,	SETH E. BENSON,	FRED H. GOSS.
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COMMITTEE ON CEMETERIES.

GEORGE NEWHALL, Chairman,	DANIEL RUSSELL,
JOHN LARRABEE, Secretary.	

FENCE VIEWERS.

DEXTER PRATT,	WALTER C. STEVENS,
---------------	--------------------

FIELD DRIVERS.

OTIS HOWARD,	FRANK GIBBONS.
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FOUND KEEPER.

JOSEPH EDWARDS.	INSPECTOR OF BUILDINGS.
	DEXTER PRATT.

INSPECTOR OF MILK AND SEALER OF WEIGHTS AND MEASURES,

INSPECTOR OF PROVISIONS AND ANIMALS.

FRANK M. McLAUGHLIN.

POLICE OFFICERS.

PERMANENT FORCE.

F. M. McLAUGHLIN, Chief,	OSBORNE E. DROWN,
JEROME T. SMITH,	WILLIAM A. CASWELL,
CHARLES F. W. FOGG,	REDFORD M. RAND,
HARRY BROWN,	GEORGE E. FULLER.

SPECIAL OFFICERS.

ALLSTON H. PINEO,	JAMES DAVIDSON,
JOHN W. DAVIS,	A. WILBUR LYNDE,
WM. H. LIVINGSTON,	GEORGE W. BURKE,
ARTHUR L. BRIGHAM,	JOSEPH D. LORD,
H. T. AINSLIN,	JOHN M. HAMLIN.

PRECINCT OFFICERS.

PRECINCT NUMBER ONE.

WARDEN.
RUFUS S. CARPENTER.

DEPUTY WARDEN.
C. N. FOWLER.

CLERK.
C. W. HARLOW.

DEPUTY CLERK.
R. D. KILGORE.

W. C. JOHNSTON,
E. G. PEARSON,

INSPECTORS.
DEPUTY INSPECTORS.

SAMUEL LEAR.
E. L. CRAGIN.

PRECINCT NUMBER TWO.

WARDEN.
S. A. LOVEJOY.
CLERK.
J. P. DEERING.

DEPUTY WARDEN.
W. N. FOLSOM.
DEPUTY CLERK.
E. E. BABB.

W. A. BURRELL,
C. W. COCHRANE,
FRED C. SHEPARD,
W. DEH. JONES,

INSPECTORS.
DEPUTY INSPECTORS.

C. S. GORDON,
J. H. FOWKES.
W. J. LORD,
J. H. ATKINSON.

PRECINCT NUMBER THREE.

WARDEN.
LEVI S. GOULD.
CLERK.
G. B. GROTENDICK.

DEPUTY WARDEN.
FRANK Q. BROWN.
DEPUTY CLERK.
S. D. FARRAR.

E. K. BORDMAN,
A. J. BURNETT,

INSPECTORS.
DEPUTY INSPECTORS.

J. J. McCULLOUGH,
JOHN O. HAYES.

G. G. NEWHALL,
HENRY OSBORNE,

THOS. H. FLYNN,
H. E. JOHNSON.

REPORT OF THE SELECTMEN.

To the Citizens of Melrose:

The Selectmen have the honor to submit the following report for the year ending December 31st, 1893.

FINANCES.

The gross debt of the town, January 1st, 1893, . \$388,000

BORROWED DURING THE YEAR.

Water construction, . . .	\$49,000	
In anticipation of taxes, . .	105,800	
	\$154,800	
Paid,	114,000	
		40,800
Gross debt,		\$428,800

It has been our endeavor to keep within the appropriation, and the result shows that in all expenditures, such has been the case, except the soldiers' relief. It has been necessary to exceed the appropriation for soldiers' relief, but the selectmen are compelled by statute to meet the demands of the poor and needy soldiers and their families, or be subjected to a penalty; with this exception, no appropriations have been exceeded.

Our valuation has continued to increase, although the

gains in personal estate is scarcely perceptible; the valuation is now \$8,899,475.00, as compared with the valuation of \$8,596,565.00 of last year, an increase of \$302,910.00. The development of values in real property, while the personal remains about the same, is one which calls for an increase in the expenditures of nearly every department. With the opening up of new territory, and building thereon, the ordinary expenses of running the town, if the demands and needs of those sections are properly attended to, must necessarily increase.

HIGHWAYS.

There are few blessings that any community can have equal to that of having first-class roads. We have given this subject constant and thoughtful attention. We have, during the past year, personally inspected every street in the town. Our first work was to divide the town into five sections, and then lay out the work for the superintendent of streets, at the same time giving our personal supervision to his work. Included in the general term highway expenditures, are the building and repairing of streets, laying of gutters, setting crossings and edge stones, and trimming and removing of trees. Through the centre of the town it is comparatively easy to keep the streets in good condition, but the hillsides and low lands are a source of constant attention and expense. Many of our streets are laid at such a grade that the heavy rains and melting snow of the early spring produce such a flow of water as to wash out the gravel from the road-bed and leave the street in such a condition that it is necessary to build it anew, and others, in the low lands, were originally built by spreading a few loads of gravel over the meadow land, without building a suitable foundation, and the result is, that in a very short time, both

street and sidewalk have sunk below the grade. These defects, we trust, will not occur in any new streets that the town may accept in the future. Your appropriation for the highways this year was \$16,000, with the balance from last year of \$141.22, making a total of \$16,141.22. If we could have had this amount clear, it would have been ample to have done all that was needed, and to satisfy every demand, but there had already been expended \$1,477.76 before the annual meeting, which left \$14,663.46, and at the annual meeting it was voted to build an extension to Washington street, from the factory at the Fells to the Malden line, which took \$1,300 more, and it was also voted to build a sidewalk from Sylvan street to the Maplewood line, on Lebanon street, at an expense of \$250, this left us with about \$13,000 to keep in repair over 50 miles of streets and gutters. We have spent nearly all this money, but we have the satisfaction of knowing that the money has been honestly and economically expended, and the new work done and the general good condition of our streets show that it was well done. We have built the extension of Washington street, and practically rebuilt Howard street and Main street, from Franklin street to the Wakefield line, the two last being paid for by the Lynn and Boston R.R. Co., and the work done on these reflects great credit on our superintendent of streets for the very excellent manner in which they are built; we have made repairs on 51 streets, which is shown in detail in the report of the superintendent.

The following streets have been laid out and accepted by the town since the last annual report:

Name of Street.	Length in feet	Width in feet	Accepted	Expense to the Town	
				Land Damages	Construction
Chester street.....	256.10	40	Apr. 25.	None.	None.
Florence street ext.	247.12	40	"	"	"
Bartlett street.....	370	40	Nov. 23.	"	"
Everett street.....	510.41	40	"	"	"
Frances street.....	655	40	"	"	"
Ashmont street.....	611	40	"	"	"
Ashmont place	195	40	"	"	"
Crescent avenue....	1422	40	"	"	"
Potter street.....	305	40	"	"	"
Malvern street	240	40	"	"	"
Gibbons street	312.68	40	"	"	"
Beech avenue	1044.9	40	"	"	"
Park street ext.....	144.79	40	"	"	"
Spear street	750	40	"	"	"

To properly build and repair the streets, it is necessary that the material used should be of the best. Good gravel is difficult to obtain, and we must of necessity use crushed stone; the stone-crusher has not been in use the past year, as we did not deem it advisable to make any lasting work on our streets on account of the immediate prospect of laying the sewers throughout the town. We have, however, commenced work at the crusher, as we felt it necessary to provide work for those citizens out of employment, and also to have the material ready for use in the spring. Another reason why crushed stone has not been employed on our streets is that the steam roller is not heavy enough to do the work properly, and we recommend that the town purchase a new steam road roller, so as to be ready to follow immediately upon the building of good streets as soon as the sewer is laid. We wish to bear testimony to the usefulness of our present

steam roller, which has been in almost constant use during the past year, but its days are numbered, and it is not in a condition to be of any further use to the town. With a steam road roller of about 16 tons build, plenty of crushed stone, and a practical man to superintend the work, there is no reason why Melrose should not have as good streets as any town in the Commonwealth. We are indebted to the fire department for the use of the horses purchased for them; they have been employed in various ways for the use of the highways, principally in the sprinkling of the streets, but they have also been used in other directions, and their purchase by the town has been a good investment. We would also recommend that a new watering cart be bought and five horses, to be used in the highway department. Macadamized roads must be kept wet to preserve them, and a day's sprinkling not only saves many loads of gravel and crushed stone, but serves to relieve the people from the annoyance of the dust, which on windy days is blown about the streets.

The town paid during the past year \$3,601.83 for the hiring of horses. Five horses can be bought for \$1,000; the keeping of the same would not be over \$750 a year, and it would be a saving if the horses were owned by the town. We have kept five horses in use the greater part of the year. We are confident that this number will earn, according to the figures of the superintendent of streets' pay-roll for the year 1893, the sum of \$2,400. In this connection, there arises the need of the town procuring a lot of land upon which to erect a stable and suitable buildings for the storage of the town property. This could be secured somewhere near the centre of the town and adjacent to the railway, and could be also used for the purposes of the water and sewer departments, as it will be necessary to have on hand a large quantity of pipe for both of these departments.

This may seem to be proposing a large outlay of money, but we must, sooner or later, arrive at a time when necessity will demand it. The value of land in the locality, desirable for such uses as we have stated, is constantly increasing, and we have prepared articles for the warrant of the annual town meeting relating to these recommendations, and earnestly hope that you will give it serious consideration.

MAIN STREET WIDENING.

The town voted at the November meeting to appropriate the sum of \$1,500 to be used towards the widening of Main street. We commenced immediately upon the work, and gave employment to thirty-one men. The work continued until the weather obliged us to cease, but in the short time allowed a great deal was done. All the trees necessary to be removed have been taken down; the number removed being twenty-one; the curb stones set back, and the street widened to its proper width from Mt. Vernon street to Upham street on the east side, and from Wyoming avenue to Essex street, and including the Town Hall lot on the west side, and of the appropriation \$1,419.29 has been expended.

PERKINS STREET EXTENSION.

This street is now practically completed, and by the time this report will be in print, the county commissioners will have been notified that the street is ready for their acceptance.

STREET RAILWAYS.

The extension of the street railway through the town, with its many different questions as to location, methods of

building, and motive power, has been the cause of much discussion by the citizens, and of much thought on the part of your board to see that the rights of the town should be carefully maintained, at the same time to grant all the privileges necessary to the railway company, that they might properly accommodate their patrons. Not only the citizens of our town have been interested in this matter, but delegations of citizens from Saugus, Wakefield and Stoneham have been present at the public hearings and at the meetings of the board. So much has been said on this matter, that we deem it of interest to give the citizens a correct account of our doings with the Lynn & Boston R.R. Co. On the 9th of May the president, Mr. Breed, and the general manager, Mr. Foster, met with the board to consider the question of the company laying their tracks through Howard street to the Saugus line. A permit had been granted by the previous board, which seemed to us to give more privileges than should be given for the best interest of the town, and before they commenced their work we considered it necessary to make some changes in their permit, and as a result of the conference the following permit was granted on the 16th of May :

“The East Middlesex Street Railway Co., and their successors, are hereby granted a permit to lay tracks, with the necessary sidings, poles and equipments for electric street railway service on Howard street from Green street to the Saugus line, subject to the following conditions and restrictions :

“First, The company shall replace the wooden poles they have put in position on Main street and Green street with suitable iron poles.

“Second, Said road and sidings, or turnouts, shall be laid with such rails as shall be approved of by the board of selectmen.

“Third, The road between the tracks and for the distance

of twenty inches outside the rails, shall be paved with granite blocks.

"Fourth, The poles shall be of iron, from Green street to the culvert, and from thence to the Saugus line may be of southern pine, properly champered and painted and placed in position at points indicated by the board of selectmen.

"Fifth, The trolley wire shall be not less than 19½ feet above the top of the rail.

"Sixth, The tracks shall be laid in the centre of the street.

"Seventh, The street shall be graded and built to the width of fifty feet, and to be of safe and convenient construction for public travel, and the same shall be satisfactory to the board of selectmen. All expense attending said work to be borne and paid for by said East Middlesex Railway Co., or their successors.

"Eighth, All work shall be done to the satisfaction of said board of selectmen, and shall be completed within three months from June 1st, 1893, otherwise this permit is null and void.

"Ninth, All permits heretofore granted said corporation, or their successors, to lay tracks in above location are hereby revoked."

At the time this permit was granted it was understood that the poles on Main street would be removed at once, but it was not until after a meeting with Mr. Foster, on the 27th of July, that they were removed. It appeared that the reason for not removing them any earlier, was, that they were not sure of being granted locations again for their poles, but on the 27th of July they were granted the following:

"Permission is hereby granted to the Lynn & Boston R.R. Co. to set iron poles, as may be required for the operation of its line by electricity, from No. 244 Main street, to within two poles of the car stables on Franklin street."

By the request of the company the time for the completion of building of the road was extended until Dec. 1st,

1893, and when they were ready to build the road the following agreement was made :

“In consideration of the Lynn & Boston R. R. Co. agreeing to pay the sum of fifteen hundred (1,500) dollars, to be applied to the grading and filling of Howard street, from Green street to the Saugus line, we hereby cancel the seventh clause of the permit granted May 16th, 1893.”

This was satisfactorily carried out, and not only gave the citizens of the town an opportunity to work, but we were sure of having a good road, and the money was not all expended that was received. The permit granted them to extend their road from Franklin street to the Wakefield line, having expired by limitation (Aug. 1st, 1893), they requested the board to extend the time to Dec. 1st, but it was decided not to do so, and if they desired to build the road it would be necessary to call another public hearing, which was ordered for Aug. 28th, 1893, and on the 29th of August the following permit was granted :

The Lynn & Boston R.R. Co. are hereby granted a permit to lay a track on Main street, from Franklin street to the Wakefield line, with the privilege of using electricity as a motive power on its cars, and the right to erect and maintain the necessary poles and wires for the operation of its road by electricity, subject to the following conditions:

First, Said road shall be laid with such rails as shall be approved by the board of selectmen.

Second, The road between the tracks and for the distance of eighteen inches outside the rails, shall be paved with granite blocks.

Third, The poles shall be of iron and placed in position at points indicated by the selectmen.

Fourth, The trolley wires shall be not less than 19½ feet above the top of the rail.

Fifth, The track shall be laid in the centre of the street.

Sixth, The street shall be graded and built, and to be of safe and convenient construction for public travel, to the satisfaction of the board of selectmen.

Seventh, All work shall be done to the satisfaction of the board of selectmen, and shall be completed by the first day of October, 1893, otherwise this permit is null and void.

An agreement was made as follows :

In consideration of the Lynn and Boston R. R. Co. agreeing to pay the sum of seven hundred dollars (\$700), to be applied to the grading and filling of Main street, from Franklin street to the Wakefield line, we hereby cancel the sixth clause of the permit granted August 29, 1893.

Work was commenced immediately, and the road was completed within the time allowed in the permit.

By the vote of the town at the November meeting, appropriating money for the widening of Main street, we were enabled to grant permanent locations for iron poles, and now the cars are being run by electricity through the town. The company agreed to make one fare from Malden to the Stoneham and Wakefield line, and the Wakefield company also agreed to make one fare from Wakefield to Melrose, but have failed to keep their part. The Lynn and Boston R. R. Co. is ready to do so as soon as the Wakefield company keep their part of the agreement.

It seemed to some of our citizens that the conditions imposed upon the company were too strict, and that possibly the extensions would not be built on that account, but it ought to be clearly understood that the franchise granted to use our streets without pay or compensation is of great value to any corporation, and while it was, perhaps, from the company's standpoint, to endeavor to remove some of the restrictions, by making certain statements that they could not build the road under the permits granted, we were confident that they would not relinquish their franchise under any considerations ; and the result clearly shows that, by insisting on the town receiving all the benefits it was possible to make, we not only have two good roads graded

and widened, at the company's expense, but we have an excellent service from the company. They also contributed the sum of one hundred and fifty dollars toward the watering of Main street.

ELECTRIC LIGHT AND TELEPHONE POLES.

The introduction of electric lighting in private houses, and the universal system of lighting our streets by electricity, has caused a great increase in the number and size of the poles used, and the use of the telephone becoming more general, has necessitated the placing of many of their poles throughout the town. The tall, unsightly poles are really an eyesore, and in many cases a nuisance to neighboring property, but it must under the present condition be endured. We have endeavored to keep down the number of poles, and where practicable have had the electric light and telephone wires placed upon the same poles. It is very evident that within a short time all wires will be obliged to be placed in conduits under ground, and we shall hail with delight when these masts are removed from our streets.

STREET LIGHTS.

During the year the streets have been lighted by the Malden Electric Light Co., under a contract dated July 1st, 1893, wherein they agreed to furnish the town with thirty-three (33) arc lamps, of twelve hundred (1200) candle power each, and three hundred and twenty (320) incandescent lamps, of twenty-five (25) candle power each, and to light said lamps from dark until midnight on twenty-five (25) nights upon an average in each month, during the time of

this agreement, for the sum of six hundred and sixty-two and 50-100 (\$662.50) dollars per month. In addition to this the company agreed on August 22d, 1893, that the lights should be kept burning until 12.15 a.m. Since the above contract was made it has been found necessary, on account of the acceptance by the town of new streets, to arrange for a new circuit of forty (40) incandescent lamps and three (3) arc lamps. The service given us by the Malden Electric Light Co. has been quite satisfactory. We are aware that some complaints have been made, and justly too, in regard to some of their lamps, but we know that as soon as their attention was drawn to the matter, the fault was rectified. A patrol from the company is in the town every evening and goes over every route through the month, and the police are directed to report at the station all poor and deficient lighting, and we will take this occasion to state that if any citizen notices that lights in his neighborhood are not burning, or are poor, that a postal sent to the police station will receive immediate attention, and the lights made good.

POOR DEPARTMENT.

Recommendations have been made to the town in the past, that it would be wise and proper to establish an almshouse or poor-farm. We wish to emphasize the needs of the town in that direction. As the poor department is now managed, it is plainly to be seen that it cannot, in the very nature of things, be done economically or satisfactorily. Orders are given to the poor for a certain amount, upon which they can obtain groceries, etc., at the stores. No restrictions as to the kind or quality of the articles purchased are put upon the applicants, and they may regale themselves upon luxury for a day, and fast for the rest of

the week, if they choose. If these same persons were taken care of at an almshouse, it could be done at a saving to the town. At the time of its purchase, the Pratt farm was thought of for that purpose. We commend this matter to the citizens for their serious attention.

POLICE DEPARTMENT.

This department under the efficient control of the chief, F. M. McLaughlin, has faithfully done its duty in maintaining order, and the observance of the laws. Some little criticism has been made regarding the number of intoxicated persons arrested during the year, thus inferring that liquor could be procured easily in the town, but from investigation we are satisfied that ninety per cent. of the cases arrested came into the town in that condition, or brought the liquor with them from out of town. The records show that a majority of the arrests were made between Saturday night and Monday. The police have been active in their efforts to discover and close up all places where liquor could be found, and we are desirous of expressing thus publicly our satisfaction and commendation of the excellent work of the police in looking after the welfare of the town.

SUITS TO WHICH THE TOWN IS A PARTY.

Shortly after assuming office, your selectmen notified F. S. Hesseltine, Esq., who had been retained as counsel for the town by the previous board, to furnish us with the names of all parties with whom the town were in litigation, and we received the following list :

Town of Melrose vs. Ira Hiland, to recover for money expended on account of widening of Ell Pond brook.

Town of Melrose vs. S. E. Benson, injunction to cause removal of building over Ell Pond brook.

A. V. Lynde vs. Town of Melrose, for trespass by water commissioners.

A. V. Lynde vs. Town of Melrose, for taking of land by joint water board.

Dexter Bryant vs. Town of Melrose, for alteration of highway at Walton park.

Dexter Bryant vs. Town of Melrose, for change of grade on Summer street.

Dexter Bryant vs. Town of Melrose, for change of grade on Cedar park.

Aaron Hill vs. Town of Melrose, on account of widening Main street.

Justus Geist vs. Town of Melrose, on account of widening Main street.

Bugbee & Barrett vs. Town of Melrose, on account of widening Main street.

S. S. Bugbee vs. Town of Melrose, on account of widening Main street.

O. M. Maxwell vs. Town of Melrose, on account of widening Main street.

Mrs. Amory vs. Town of Melrose, on account of widening Main street.

Geo. F. Boardman vs. Town of Melrose, on account of widening Main street.

Mrs. Spear vs. Town of Melrose, on account of widening Main street.

Mr. Harmon vs. Town of Melrose, on account of widening Main street.

Mrs. Curtis vs. Town of Melrose, on account of widening Main street.

J. C. Maker vs. Town of Melrose, on account of widening Main street.

Thos. McCoubry vs. Town of Melrose, on account of widening Main street.

J. Edwards vs. Town of Melrose, on account of widening Main street.

Geo. W. Farnsworth vs. Town of Melrose, on account of widening Main street.

Harriet E. Hill vs. Town of Melrose, on account of widening Main street.

Jas. McIntyre vs. Town of Melrose, on account of widening Main street.

Jas. McIntyre vs. Town of Melrose, on account of widening Main street.

Cora M. Jack vs. Town of Melrose, on account of widening Main street.

Emily M. Morse vs. Town of Melrose, action for tort, for damages for accident on Tremont street, 1892.

Twenty-four cases in all.

A majority of these are on account of the widening of Main street, and it appeared to the selectmen that an arrangement might be made between the parties at suit and the town, whereby they could be settled out of court, thus saving to both parties the expense of a trial, and in such a manner that would be conducive of good feeling; and so it was voted that a motion be prepared and submitted to the town for action, which was done, and the following motion was presented at a town meeting :

“That the selectmen be authorized to settle all claims for damages on account of the widening of Main street, as in their judgment shall be for the best interests of the town.”

This motion was voted down, and a vote was passed instructing the selectmen to ascertain what the suits could be settled for, and report at the November meeting. We could get no satisfactory amounts, as in nearly every case they stated the amount sued for, and so it was necessary to allow the suits to go on.

but although it is said in the lay-out that the stakes were driven eight (8) feet from the centre line; it is also said that the drain is laid out twelve (12) feet wide, and that the location is six (6) feet from the centre line. It is found, it is true, that the drain was widened by the defendant, without so far as it appears any right to do so, or any authority from the town, to the full width of twelve (12) feet, which implies that it was constructed, originally, of less width than the location, but that does not show the existence of a passage-way under and as part of the location. There is, however, another ground on which we think the plaintiff is entitled to the relief which it asks. If the defendants have a right to build and maintain their shops over the drain in the manner in which they have done, or propose to do, other abbutters in the drain would have a like right. If an abbutter can cover the drain with a building he can cover it with others. The result would be that the easement granted by the legislature would be limited to the right to build and maintain a covered drain. We find nothing in the act indicating any intention on the part of the legislature to limit in such a matter the enjoyment of the easement granted. It is a general rule that in taking land for the public purposes, all uses of the land necessary or incident to the enjoyment of the public right are included.

Brainard vs. Clapp, 10 Cush., 6.

These uses thus included are not to be extended beyond those reasonably necessary and incident to the purposes for which the land is taken, and are to be confined to them.

Clark vs. Worcester, Supra.

If a fee is not taken the landowner may make any use of his premises which will not interfere with the enjoyment of the public right in the manner above described. Usually, however, damages are assessed on the theory that the public use will be exclusive. There is nothing to show that such was not the fact in this case.

Further, the act in question was a measure in the interest of the public health; in the absence of anything in it limiting its scope to the maintenance of a covered drain there is abundant reason for construing it so as to give the usual

authorities the right to maintain the drain as an open or covered one, as they may deem best. If the drain had been constructed and maintained as a covered drain, as was the case in *Clark vs. Worcester*, *Supra*, then it is possible that the defendant could rightfully build over the location, but that however is not the case. We think that the conduct of the defendants constitutes an invasion of the rights of the plaintiff, and that it is entitled to the injunction which it seeks. It is not necessary that it should appear that the plaintiff has sustained actual damages in order to entitle it to an injunction.

Stowell vs. Lincoln, 11 Gray, 434.

Hardross vs. Hint, 4 Exchequer Cases, 43.

Decree dismissing bill reversed, and decree to be entered for the plaintiff.

INHABITANTS OF MELROSE VS. IRA HILAND.

F. S. Hesseltine for the town.

This suit was for work done on the premises of Mr. Hiland, in deepening and widening Ell pond brook. The court ruled against the defendant on legal grounds of his defence, and the jury found, on question of fact submitted to them, that the acts of the selectmen were approved by the town, and that there was no work in excess of what was necessary to secure proper drainage. Verdict for the town for \$549.82, being the full amount, with interest added.

CLAIMS FOR DAMAGES SETTLED.

Mary Clay, for injuries received by falling upon the ice on Foster street, was settled for \$50.00. Suit had already been commenced.

PUBLIC HEARINGS.

On petition of the Boston & Maine R. R. Co., to locate station at Melrose Highlands, a hearing was held Jan. 31st, 1893, and their petition was refused.

On petition of Friend Bros., to erect a stable for more than four horses, on Grove street, a hearing was held April 8th, 1893 ; permission granted.

On petition of W. E. Keating, to erect a stable for more than four horses, on Pleasant street, a hearing was held April 15th, 1893 ; permission granted.

On petition of the Lynn & Boston R. R. Co., for location of their tracks on Main street, from Fraklin street to the Wakefield line, a hearing was held August 28th, 1893, and permission granted.

On petition of A. C. Sibley, to locate a steam-boiler and engine on land near Wyoming ave., a hearing was ordered for Dec. 23d, 1893, and permission granted.

On petition of Walter C. Martin, to erect a steam-engine and boiler, a hearing was ordered for Dec. 30th, 1893, and permission granted.

We have discharged the duties of our office impartially and honestly, and as we believe for the best interests of the town. Our population has increased, new streets have been built, and new territory has been opened, upon which many houses have been erected, and it is noticeable that the class of dwellings has been of a higher grade than formerly, and notwithstanding the universal depression in business and financial circles, we are glad to note the general prosperity of the town during the year that is past.

DANIEL NORTON,
E. H. MOORE,
W. A. WATERHOUSE,
C. W. COOK,
SIDNEY H. BUTTRICK,
Selectmen of Melrose.

RECORDS OF TOWN MEETINGS IN 1893.

WARRANT FOR MEETING

FEBRUARY 3rd, 1893.

*To either of the Constables of the Town of Melrose, in the
County of Middlesex :* *GREETING.*

In the name of the Commonwealth of Massachusetts, you are hereby required to notify the inhabitants of the town of Melrose, qualified to vote in elections and town affairs, to meet at the Town Hall, on Friday, the third day of February, A. D., 1893, at 7.30 o'clock, p. m., then and there to act on the following articles, viz :

Article 1. To choose a Moderator.

Art. 2. To see if the town will vote to change the number and terms of any town officers chosen by ballot, which were limited or fixed by votes passed February 16, 1891, on petition of twenty-five legal voters.

Art. 3. To see if the town will accept the provisions of Chapter 27, Sections 64, 65, 66, 67 and 68 of the Public Statutes.

Art. 4. To see if the town will accept the provisions of law which relate to precinct voting in towns, on petition of nineteen legal voters.

Art. 5. To hear and act upon the reports of committees, and for the transaction of any other business which may legally come before this meeting.

And you are directed to serve this warrant by posting attested copies thereof at the Town Hall, each of the post

offices and depots in the town, not less than seven days before the day appointed for said meeting, and by leaving printed copies of the warrant at the dwellings of the legal voters before the day of the meeting. Hereof fail not, and make due return of this warrant, with your doings thereon to the Town Clerk at the time and place of said meeting.

Given under our hands this twenty-sixth day of January, in the year one thousand eight hundred and ninety-three.

LEVI S. GOULD,	} Selectmen	
JOHN P. DEERING,		of
CHAS. W. HIGGINS,		Melrose.

Warrant served by

ANSEL B. PIERCE, Constable.

Meeting February 3, 1893.

Art. 1. Chose Levi S. Gould, Moderator.

Art. 2. *Voted*, That the number of selectmen be hereafter "five" to be elected annually.

Art. 3. *Voted* To indefinitely postpone. (Aff. 79, neg. 43).

Art. 4. *Voted* To accept the provisions of law relating to precinct voting in towns, as set forth in Section 72, Chapter 423, Acts of 1890. (Aff. 115, neg. 31).

Voted, That it is the sense of this meeting that the town be divided into three voting precincts.

Art. 5. Report of committee appointed to investigate the poor department read and accepted.

Voted, That a committee of five be appointed to consider the whole subject matter of the report, and report at the

annual meeting. Committee: Frank E. Orcutt, E.P. Holmes, John E. Marshall, F. S. Hesseltine, Walter Babb.

Voted, That the treasurer be authorized to pay damages as awarded by the county commissioners for the widening of Perkins street, and to borrow the same if necessary.

Voted, To adjourn.

WARRANT FOR MEETING,

MARCH 6, 1893.

*To either of the Constables of the Town of Melrose, in the
County of Middlesex :* *GREETING.*

In the name of the Commonwealth of Massachusetts, you are hereby required to notify the inhabitants of the town of Melrose, qualified to vote in elections and town affairs, to meet at the Town Hall, on Monday, the sixth day of March, A. D., 1893, at 7 o'clock, a. m., then and there to act on the following articles, viz.:

Article 1. To choose a Moderator.

Art. 2. To bring in their votes for town officers, and in answer to the question "Shall licenses be granted for the sale of intoxicating liquors in this town?" All ballots are to be furnished by the town, and will be distributed at the polls by officers duly appointed in accordance with provisions of laws accepted by the town. Polls to be kept open until 5.30 p. m.

Art. 3. To choose any other town officers deemed necessary, or required by law.

Art. 4. To authorize the town treasurer to borrow money

for the purpose of meeting the demands of the town, with the approval of the selectmen.

Art. 5. To hear and act upon the report of the finance committee, appointed at meeting Dec. 6, 1892.

Art. 6. To determine the amount of money to be raised and appropriated to defray town charges for the ensuing year and for payment of the town debt.

Art. 7. To fix the compensation of all officers and committees elected or appointed by the town.

Art. 8. To raise money for the use of water in hydrants, public buildings, etc., and for any other necessary expenses for the ensuing year.

Art. 9. To determine the method by which the taxes for the year shall be collected.

Art. 10. To see if the town will authorize the treasurer to issue water fund bonds for the purpose of paying the cost of constructing and extending the water works.

Art. 11. To see if the town will raise the sum of \$200 for keeping in repair and decorating the graves of soldiers on Memorial day.

Art. 12. To see what action the town will take on the order of the county commissioners for the widening, straightening and re-location of the lines of Main street, from Mount Vernon street northerly to its junction with Green street, and raise or appropriate money for the same.

Art. 13. To see if the town will build a house for hose Co. No. 2, on lot of land purchased for that purpose, corner Main and Lynde streets and raise or appropriate money for the same.

Art. 14. To see if the town will build a sidewalk on Lebanon street from Sylvan street to the Malden line, and make other improvements on said street and raise money for the same.

Art. 15. To see if the town will raise or appropriate the sum of fifteen hundred dollars for the purpose of improving and beautifying Melrose common.

Art. 16. To see if the town will place a fire alarm box on the corner of First and Sewall streets and appropriate money therefor.

Art. 17. To see what action the town will take in the matter of completing the widening and deepening of Ell pond brook, building of culverts, etc., and raise or appropriate money for the same.

Art. 18. To hear and act upon the report of the committee on additional water supply, to raise or appropriate money necessary to carry out the recommendations of the committee in procuring said supply, to meet expenses and to purchase land required.

Art. 19. To see what action the town will take in the matter of purchasing land for an additional water supply, whether they will take or purchase, and authorize if necessary an application to the legislature for the right so to do.

Art. 20. To see if the town will change the name of street now known as an old county road, leading off Upham street to Altamont avenue.

Art. 21. To see if the town will raise or appropriate the sum of \$92.51, being the amount expended by the committee on school house at the Highlands in excess of appropriation.

Art. 22. To see if the town will place a fire alarm box at the corner of Youle and Vinton streets and raise or appropriate money for the same.

Art. 23. To see if the town will change the name of street now known as West Hill avenue, running from Franklin street northerly to Botolph street, to be hereafter known as Botolph street.

Art. 24. To see if the town will accept the following

streets as laid out by the Selectmen, and raise money for the building and grading of the same if necessary :

1. Street leading from Franklin street to Albion street, and street leading from said street to Ashland street.

2. Street running northerly from Botolph street.

Art. 25. To see if the town will purchase an alarm bell for the easterly section of the town and raise or appropriate money for the same.

Art. 26. To see if the town will vote to pay the members of Hose Co. No. 4 the same salaries as paid other hose companies in the town.

Art. 27. To see if the town will complete and widen Cleaveland street according to the original plan and appropriate money for the same.

Art. 28. To see if the town will reconsider the votes whereby it fixed the number and terms of office of the overseers of the poor and board of health, and consolidate said boards with the board of selectmen as soon as may be possible.

Art. 29. To hear and act upon the reports of committees and for the transaction of any other business which may legally come before this meeting.

And you are directed to serve this warrant by posting attested copies thereof at the Town Hall, each of the post offices and depots in the town, not less than seven days before the day appointed for said meeting, and by leaving printed copies of the warrant at the dwellings of the legal voters before the day of meeting. Hereof fail not, and make due return of this warrant, with your doings thereon, to the town clerk, at the time and place of said meeting.

Given under our hands this twenty-first day of February in the year one thousand eight hundred and ninety-three.

LEVI S. GOULD,	} Selectmen
JOHN P. DEERING,	
C. W. HIGGINS,	
	} of
	} Melrose.

Warrant served by

A. B. PIERCE, Constable.

Annual Meeting, March 6, 1893, 7 a. m.

Article 1. Chose Levi S. Gould, Moderator.

Art. 2. Ballot clerks appointed by the selectmen:

Albon W. Parker,	John E. Brittain,
Curtis S. Gordon,	Samuel Lear.

Tellers appointed by the Moderator:

Charles W. Cochrane,	Victor C. Kirmes,
Henry Osborne,	E. C. Bridgham,
S. W. Harvey,	Edward E. Babb,
A. D. Blanchard.	

Voted, unanimously, That the transaction of town business be postponed until Thursday evening, March 23, 1893, at 7.30, and that when this meeting adjourns it shall be to that time, (on a motion to reconsider not a vote.)

Voted, That the report of the finance committee be printed and distributed in the same manner as the town warrants are distributed.

Polls opened 7 a. m. Closed 5.30 p.m.

Result of the balloting, as declared:

Total number of votes cast,	.	.	.	1121
Ballot-box registered,	.	.	.	1121

Selectmen.

	VOTES.
Sidney H. Buttrick, 87 Essex street,	642
Charles W. Cook, 59 Walton park,	862
Louis E. Lovejoy, 93 Third street,	491
John J. McCullough, 435 Main street,	303
Eugene H. Moore, 220 Porter street,	761
Daniel Norton, 11 Chestnut street,	933
William A. Waterhouse, 114 Youle street,	837
Other persons—scattering,	37
Blanks,	739
	5605

Town Clerk.

John Larrabee, 34 Foster street,		1002
Scattering,		4
Blanks,		115
		1121

Town Treasurer.

George Newhall, 96 Myrtle street,		995
Scattering		5
Blanks,		121
		1121

Collector of Taxes.

Addison Lane, 143 Myrtle street,		966
Scattering,		1
Blanks,		154
		1121

Assessor, for 3 years.

George P. Burnham, 94 Cottage street,		382
George C. Stantial, 23 Poplar street,		581
Blanks,		158
		1121

Water Commissioner, for 3 years.

Henry Brown, 54 Poplar street,		448
George L. Morse, cor. Myrtle and Herbert streets,		602
Blanks,		71
		1121

Water Loan Sinking Fund Commissioner, for 3 years.

Daniel Russell, 5 Trenton street,	899
Scattering,	I
Blanks,	221
	1121

School Committee, for 3 years.

Bessie B. Dearborn, 315 Main street,	852
John O. Norris, 20 W. Emerson street,	876

For 2 years.

Ella F. McDonald, 33 Brunswick park,	829
Scattering,	10
Blanks,	796
	3363

Trustees of Public Library, for 3 years.

Charles C. Barry, 58 Hillside avenue,	826
Elbridge H. Goss, 25 Cedar park,	819

For 2 years.

Ruby F. Farwell, 58 W. Emerson street,	809
Charles A. Patch, 30 Oakland street,	810

For 1 year.

Mary L. Charles, 58 Hillside avenue,	804
George E. Munroe, 34 South High street,	808
Scattering,	4
Blanks,	1846
	6726

Auditor.

Edwin C. Gould, 334 Main street,	852
Scattering,	6
Blanks,	263
	1121

Overseer of Poor, for 3 years.

Joshua T. Nowell, Ferdinand street,	852
Scattering,	I
Blanks,	268
	1121

Board of Health, for 3 years.

Frank L. Washburn, 49 Wyoming avenue,	683
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For 2 years.

Corydon W. Harlow, M. D., 114 Franklin street,	471
John E. Sanborn, M. D., cor. Upham and Lebanon streets,	512
Scattering,	I
Blanks,	575
	2242

Park Commissioners, for 3 years.

Charles H. Adams, 59 Orient avenue,	641
Arthur B. Cochrane, 20 Bellevue avenue,	410

For 2 years.

Maurice G. Cochrane, 63 Howard street,	695
Scattering,	3
Blanks,	493
	2242

Constables.

Osborne E. Drown, 43 E. Foster street, . . .	856
C. F. W. Fogg, 102 Melrose street, . . .	833
Frank M. McLaughlin, 41 Upham street, . . .	780
Ansel B. Pierce, 10 E. Emerson street, . . .	888
Scattering,	7
Blanks,	1120
	4484

License Question.

"Yes,"	233
"No,"	742
Blanks,	146
	1121

Voted to adjourn.

Adjourned Meeting, March 23, 1893, 7.30 p. m.

Met according to adjournment.

Art. 3. Officers elected.

Measurers of wood and bark, weighers of hay and coal, Charles B. Goss, Seth E. Benson, Fred H. Goss; committee on cemeteries, George Newhall, Daniel Russell, John Larabee; fence viewers, Dexter Pratt, Walter C. Stevens; field drivers, Otis Howard, Frank Gibbons; pound keeper, Joseph Edwards; inspector of milk and sealer of weights and measures, Frank M. McLaughlin.

Art. 4.

Voted, unanimously, That the treasurer be authorized with the approval of the selectmen to hire money, to renew, replace or pay any existing loan or loans; also to hire money in anticipation of the taxes for the current year to meet expenses, and issue notes of the town therefor.

Art. 5. Report of committee accepted.

Voted, To take up the various items of the report and act upon them seriatim.

Art. 6.

Voted, To raise and appropriate the following sums for the purposes named, together with the balances now credited to the several accounts, viz.:—

Contingent expenses,	\$2,000
Fire department.	8,600

Said appropriation to be divided as follows:—

Pay roll,	\$2,500
Contingent expenses,	550
New hose,	500
Rent Hose No. 2,	200
Maintenance fire alarm,	150
Horse hire,	300
For purchase of three horses,	650
Alteration in stable,	300
For care of horses, etc.,	1,624
Hay, grain, shoeing, etc.,	300
Sundries for stable,	26
For the purchase of a new hook and ladder truck, with ladders,	1,500
Total,	<u>\$8,600</u>

Voted, That the purchase of horses, hook and ladder truck and the various items mentioned above be left with the selectmen and the engineers of the fire department.

Voted, That this article be laid upon the table, and that Articles 18 and 19 be taken up (aff. 112, neg. 20).

Articles 18 and 19.

Report of committee on additional water supply read by chairman of water commissioners, and accepted.

Voted, That the water commissioners for the town of Melrose, in behalf of the town, make application immediately to the present legislature for the passage of an act authorizing the town for the purpose of an additional water supply, to take from time to time, by purchase or otherwise, and hold such lands as may be necessary for erecting and maintaining dams and reservoirs, and for laying and maintaining conduits, pipes, drains, and for such other works as may be necessary for the purity and preservation of the waters which it is proposed to take as an additional source of supply, and to take and hold the waters of Ell pond, otherwise known as Crystal pond, situated in the town of Melrose, and the waters which flow into and from the same, and to secure the public rights in said Ell pond, otherwise known as Crystal pond, and to secure the passage of the bill authorizing the town to do all that may be deemed necessary by said water commissioners to secure all the water and water rights of the said Ell pond, otherwise known as Crystal pond, and the streams flowing into the same, and all land about the same necessary to maintain and protect and use the said waters as an additional water supply for this town, and authority to issue bonds, notes or scrip to an amount not exceeding \$75,000, in addition to the

amount which it is now authorized to issue. Said bonds, notes and scrip to be payable at the expiration of periods not exceeding twenty years from the date of issue, bearing interest, payable semi-annually at a rate not exceeding four per cent. per annum, to be signed by the treasurer and countersigned by the water commissioners of the town.

The above vote was taken by check list, "yes" and "no" ballots being used, and resulted as follows :

"Yes,"	108
"No,"	10
Total number,	118

Art. 6.

Taken up by vote, and the following sums raised and appropriated, together with balances as before stated, for

Fire alarm	\$200
Health department	750
Highways, crossings and gutters	16,000
Interest	5,400
Insurance	700
Numbering buildings	50
Police department	6,450

Voted, That the patrolmen be paid \$2.50 for each day or night of service.

Voted, To adjourn to Thursday evening, March 30, at 7.30 o'clock.

Adjourned meeting, March 30, 1893, 7.30 p. m.

Met according to adjournment.

Art. 6. Washington street.

Voted, unanimously, That the selectmen be directed to build an extension of Washington street, as laid out by the county commissioners, about 900 feet, to the Malden line, with a sidewalk on the east side, as soon as the city of Malden is ready to commence the portion of the extension in their city, and that the cost thereof be paid out of the appropriation for highways.

Voted, To raise and appropriate the following sums for the purposes named, together with the unexpended balances remaining to the several accounts, viz. :

For support of the poor	\$6,000
Public library, dog tax, and	1,000
For alcoves	200
Support of schools	43,300
Concrete walks, the receipts, and	2,500

One-half the expense of laying concrete walks opposite estates to be expended as in previous years. The appropriation, balance, and receipts to be expended as follows, viz. :
For repairs on existing walks, \$500 ; for continuous walks, \$1,500 ; the remainder to be expended under the direction of the selectmen.

For lighting streets, and new lamps,	\$7,300
Street signs	100
Town Hall, receipts, and	675
Military aid	150
Soldiers' relief	650
Public parks, to be expended under the direction of the park commissioners,	750

Reduction of town debt, the bank and corporation taxes, and	5,000
Deficiencies in accounts, viz. :	
High school committee	\$418.21
Insurance	125.95
Removal of lockup	17.82
Perkins street extension	2,000.00
Salaries	347.86
	\$2,909.84

Bills due.

Fire department	\$650.02	
Police	87.61	737.63
		\$3,647.47

Art 7.

Voted, To raise and appropriate the sum of four thousand, nine hundred and fifty (\$4,950) dollars, and that the salaries of town officers, for the year 1893, shall be as follows :

Board of assessors, \$250 each, and \$250 for clerk hire,	\$1,000
Auditor,	300
Board of health, \$50 each,	150
Town clerk,	300
Collector of taxes, $\frac{3}{4}$ of 1 per cent. on real and personal property, and 5 per cent. on polls, estimated at	1000
Forest fire wards, \$15 each,	75
Inspector of buildings,	100
Board of overseers of the poor,	300
Registrars of voters, \$50 each, and \$25 extra for clerk,	225
Board of selectmen,	1,000
Town treasurer,	500
	\$4,950

The salaries of the water commissioners shall be \$50 each; cemetery committee, \$25 each; superintendent of streets, \$1,000; water registrar, \$800; superintendent of water department, \$1,100; treasurer of sinking fund, \$50; to be paid from their respective departments.

Art. 8. Water.

Voted, To raise \$4,000 for the use of water in hydrants, public buildings, etc.

Art. 9. Taxes, how collected.

Voted, That all single poll taxes be made payable on or before August 1, 1893; that all other taxes be made payable on or before October 1, 1893, and that interest be added upon all taxes remaining unpaid after that date, at the rate of six per cent. per annum; that all property on which the taxes remain unpaid on June 1, 1894, be sold by the collector, in accordance with the provisions of law, and that he be instructed to strictly carry out the provisions of this vote.

Art. 10.

Voted, That the treasurer be authorized to issue and sell 10 water fund bonds, being the last 10 of the issue of \$25,000, dated May 1, 1892, for the purpose of paying the cost of constructing and extending the water works.

Art. 11. Memorial day.

Voted, To raise the sum of \$200.

Art. 12. Main street widening.

Voted, To indefinitely postpone, (aff. 90; neg. 3.)

Art. 13. Hose house, Wyoming.

Voted, To indefinitely postpone.

Art. 14. Lebanon street sidewalk.

Voted, That this article be referred to the selectmen; that they be instructed to construct a sidewalk on Lebanon street, the expense of same to be paid out of the highway appropriation.

Art. 15. Common.

Voted, To indefinitely postpone.

Art. 16. Fire alarm.

Voted, That this article be referred to the engineers of the fire department, any expenditure, if they see fit to make it, to be paid out of the appropriation for fire alarm.

Art. 17. Ell pond brook.

Voted, To indefinitely postpone.

Art. 20. Altamont ave.

Voted, That the street be hereafter called Altamont ave.

Art. 21. Deficiency Highlands school-house.

Voted, To raise the sum of \$92.51.

Art. 22. Fire-alarm.

Voted, That this article be referred to the engineers of the fire department ; any expenditure, if they see fit to make it, to be paid out of the appropriation for fire-alarm.

Art. 23. Botolph street.

Voted, That the name of said street be changed from West Hill avenue to Botolph street.

Art. 24. Day street.

Section 1. *Voted*, To accept the street as laid out by the selectmen, and that it be hereafter known as Day street.

2. West Hill ave. *Voted*, To accept the street as laid out by the selectmen, and that it be called West Hill ave.

Art. 25. Alarm-bell, Hose Co. No. 4.

Voted, To raise the sum of \$350 for the purpose of furnishing a bell, with electric attachments, and the building of a bell-tower on hose-house occupied by Hose Company No. 4.

Art. 26. Pay to Hose Company No. 4.

Voted, To indefinitely postpone.

Art. 27. Cleaveland street.

Voted, That this article be referred to the board of selectmen to examine, and report at the next town meeting.

Art. 28. Overseers of poor and board of health.

Voted, That this article be referred to a committee of three to investigate, and report concerning same at some subsequent meeting.

Committee appointed : F. S. Hesseltine, Gilbert N. Harris, Joshua T. Nowell.

Art. 29. Guide-boards ; tax coll. 1890 and 1891.

Report of selectmen on guide-boards in town received and accepted.

Voted, That the board of assessors be a committee to settle with the collector of taxes for the years 1890 and 1891.

WARRANT FOR MEETING,

APRIL 25, 1893.

To either of the Constables of the town of Melrose, in the County of Middlesex : *GREETING.*

In the name of the Commonwealth of Massachusetts, you are hereby required to notify the inhabitants of the town of Melrose, qualified to vote in elections and town affairs, to meet at the Town Hall, on Tuesday, the twenty-fifth day of April, A. D., 1893, at 6 o'clock, a. m., then and there to act on the following articles, viz.:

Article 1. To bring in their votes for a representative in Congress for congressional district number seven, to fill vacancy existing by reason of the election and qualification of Henry Cabot Lodge as a senator in the Congress of the United States, who was duly chosen as such representative. Polls to be kept open until 5 p. m.

Art. 2. To choose a Moderator to preside for the transaction of town business.

Art. 3. To hear and act upon the report of the selectmen dividing the town into voting precincts.

Art. 4. To see if the town will authorize the selectmen on behalf of the town, to execute and deliver a release to Louisa S. Cabot, of any right the town may have in and to the unnamed narrow way which lies between Sewall Woods road and Vinton street, as shown on a plan of Sewall Woods park duly recorded.

Art. 5. To see if the town will authorize the selectmen to petition the legislature for authority to issue bonds to the amount of \$50,000 for the purpose of paying the cost of constructing and extending the water works.

Art. 6. To see if the town will accept the following

streets as laid out by the selectmen and raise money for the building and grading of the same, if necessary.

1. An extension of Florence street southerly from Wyoming avenue to street known as Jefts street.

2. Street running from Trenton street westerly to extension of Florence street, now called Jefts street.

3. A widening and straightening of East street, which street runs from Upham street to Porter street.

Art. 7. To hear and act upon the reports of committees and for the transaction of any other business which may legally come before the meeting.

And you are directed to serve this warrant by posting attested copies thereof at the Town Hall, each of the post offices and depots in the town, not less than seven days before the day appointed for said meeting, and by leaving printed copies of the warrant at the dwellings of the legal voters before the day of meeting. Hereof fail not, and make due return of this warrant, with your doings thereon, to the town clerk, at the time and place of said meeting.

Given under our hands this fourteenth day of April, in the year one thousand eight hundred and ninety-three.

DANIEL NORTON,

E. H. MOORE,

W. A. WATERHOUSE,

C. W. COOK,

SIDNEY H. BUTTRICK,

Selectmen of Melrose.

Meeting, April 25th, 1893.

Polls opened at 6 a. m.

Daniel Norton elected to preside, by the selectmen.

Officers appointed and sworn :

Inspectors—Henry Osborne, Victor C. Kirmes.

Deputy inspectors—Albon W. Parker, Curtis S. Gordon.

Polls opened under

Art. 1.

By unanimous consent, *Voted*, To take up article 2.

Clerk authorized by vote to deposit one ballot for Levi S. Gould, who was declared elected as moderator.

Voted, That the transaction of town business be postponed until Friday evening, April 28, 1893, at 7.30 o'clock, and that when this meeting adjourns it shall be to that time.

Voted, That the time for closing the polls be extended until 6 p. m.

On a motion to reconsider, not a vote—affirmative, 32 ; negative, 54 ; tellers being appointed.

Polls closed at 6 p. m. Result of balloting as declared :

Total number of ballots cast	1396
Total number of names checked on voting lists	1396
Ballot-box register	1396

For Representative in Congress—Seventh District.

Louis A. Banks, of Hyde Park, had	27
William E. Barrett, of Melrose,	822
George H. Carey, of Lynn,	13
William Everett, of Quincy,	507
Blank votes	27
	1396

A certified transcript of the number of votes cast for each candidate, as recorded, was made out and signed by the officers; the ballots and check-lists used were securely sealed, as required by law, after which it was voted to adjourn to time previously stated, viz., Friday, April 28, at 7.30 p. m.

Adjourned Meeting, April 28, 1893, 7.30 p. m.

Met according to adjournment.

Art. 3.

Laid on the table.

Art. 4. Sewall Woods release.

Voted, That the selectmen be authorized, on behalf of the town, to execute, acknowledge, and deliver a release to Louisa S. Cabot of any right which the town may have in and to the unnamed narrow way shown on plan of Sewall Woods park, Melrose, by Walter C. Stevens, recorded with Middlesex South district deeds, book of plans 73, plan No. 21, which way lies between Sewall Woods road and Vinton street (as shown on said plan).

Art. 5. Water bonds.

Voted, unanimously, That the selectmen be authorized to petition the legislature for authority to issue water-fund bonds to the amount of \$50,000, the proceeds to be used to pay for the construction and extension of the water works.

Art. 6.

Voted, To accept the following streets as laid out by the selectmen, viz. :

1. Florence street.

An extension of Florence street southerly from Wyoming avenue, to be known as Florence street.

2. Chester street.

Street running westerly from Trenton street to Florence street as extended, to be known as Chester street.

3. East street.

A widening and straightening of East street, in accordance with plan submitted.

Damages and betterments.

Voted, That the settlement of land damages and the assessment of betterments under the betterment laws, accepted by the town, be left with the selectmen; any expense necessary to be paid from the highway appropriation.

Art. 3. Precincts.

Voted, unanimously, To accept and adopt the report of the selectmen dividing the town into voting precincts. same being as follows :

Precinct No. 1. Beginning at a point on the Stoneham line near the northerly line of Perkins street, thence running south-easterly by an imaginary line to a stone post at the corner of Main and Melrose streets, thence across Main street to Short street, through and including Short street to Green, through and including Green to Avon, through and including Avon to Elm, across Elm by an imaginary line running due east to a stone post at the Saugus line, thence northerly by the Saugus line to the extreme north-east corner of the town at the Wakefield line, thence westerly by the Wakefield line to the Stoneham line, thence

south-westerly to the point of beginning ; and this precinct contains at the present time 402 legal voters.

Precinct No. 2. Commencing at the south-west corner of precinct No. 1, thence south-westerly by the Stoneham line to Baxter street, thence easterly to Maple, thence through and including Maple, Foster and Second streets to the Saugus line, thence northerly to south-east corner of precinct No. 1, thence westerly by the boundary of precinct No. 1, to point of beginning and contains 925 legal voters.

Precinct No. 3. Commencing at the south-west corner of precinct No. 2 at the Stoneham line, thence running south-westerly to the Malden line, thence easterly by said Malden line, thence northerly by Malden and Saugus lines to the south-east corner of precinct No. 2, thence westerly by the boundary of precinct No. 2 to the point of beginning, and contains 687 legal voters.

Art 7. Cleaveland street.

The selectmen appointed to examine and report concerning Cleaveland street at meeting held March 30, made a verbal report as to estimated expense.

Electric light committee.

On the petition of Eugene F. Carpenter, for extra remuneration for services rendered the electric light committee in 1891, it was voted that the matter be referred to the electric light committee to investigate and report at the next town meeting.

Voted, To adjourn.

RECOUNT OF BALLOTS.

On petitions duly filed, as required by law, asking for a recount of the ballots cast April 25, 1893, for a representative in Congress, the selectmen, after giving notice to the several candidates, met on Tuesday, May 2, 1893, at 4 p. m., in the selectmen's room, Town Hall, and proceeded to examine and recount the ballots with the following result:

William E. Barrett, of Melrose,		820
William Everett, of Quincy,		507
Louis A. Banks, of Hyde Park,		27
George H. Carey, of Lynn,		13
Blanks,		27
Total,		1,394

A certified transcript of the above was made out and forwarded to the secretary of the Commonwealth. The ballots were again placed in envelopes and re-sealed as required by law.

WARRANT FOR MEETING

JUNE 15, 1893.

To either of the constables of the Town of Melrose, in the County of Middlesex: *GREETING.*

In the name of the Commonwealth of Massachusetts, you are hereby required to notify the inhabitants of the town of Melrose, qualified to vote in elections and town affairs, to meet at the Town Hall, on Thursday, the 15th day of June, A. D. 1893, at 7.30 p. m., then and there to act on the following articles, viz.:

Article 1. To choose a moderator.

Art. 2. To see if the town will accept Chapter 309 of the Acts of 1893, entitled "An Act to provide an Additional Water supply for the town of Melrose."

Art. 3. To see if the town will authorize and empower the water commissioners of the town to take, hold and use for an additional water supply, the waters of the great pond known as Ell pond, otherwise Crystal pond, situated in this town, and the waters which flow into and from the same, and to take and acquire, by purchase or otherwise, such land bordering upon or near the said pond, as may be deemed necessary for holding, preserving and protecting the said waters, and for the sinking of wells, the erection of works and machinery thereon, and to authorize them to erect and fit up a pumping station on said land so acquired, and to lay pipes and to do all work that is necessary to supply water to the inhabitants of this town.

Art. 4. To see if the town will vote to issue bonds to the amount of \$75,000, authorized by the aforesaid act, and instruct the water commissioners to countersign and the treasurer to sign and sell \$50,000 of the said bonds, to pay for the land taken or purchased, or to pay for all the work which the commissioners are authorized to do.

Art. 5. To see if the town will vote to accept an act entitled "An Act to authorize the town of Melrose to make an additional water loan," and will vote to issue the bonds to the amount of \$50,000 authorized by said act, and instruct the water commissioners to countersign and the town treasurer to sign and sell \$15,000 worth of the said bonds, for the purpose of constructing and extending the water-works of this town.

Art. 6. To see if the town will, in conjunction with the cities of Malden and Medford, release unto Arthur N. Mc-

Geogh a portion of the land in Stoneham, heretofore taken by this town and the said cities.

Art. 7. To see what action the town will take in the matter of completing the widening and deepening of Ell pond brook, building culverts, etc., and appropriate or borrow money for the same, on petition of George W. Farnsworth, the board of health, and others.

Art. 8. To see if the town will authorize the selectmen to water Main street, from the house of Henry Lynde northerly, and other heavily-traveled streets, as the selectmen, in their judgment, may decide; and authorize the treasurer to borrow the money necessary for that purpose, on petition of Levi S. Gould, Edwin S. Small and others.

Art. 9. To see if the town will complete Cleaveland street, from Baxter street to Wyoming avenue, according to the original plan, and appropriate or borrow money to pay the expense of same, on petition of J. N. Lombard and others.

Art. 10. To see if the town will authorize the selectmen to properly define the boundary line between the land of the town, occupied by the Russell Hose house and the Baptist church property, and cause the same to be recorded in the Middlesex Reg. of Deeds, on petition of George Newhall and others.

Art. 11. To see if the town will accept the extension of Park street, from Meridian street to Spear street, also a portion of Spear street (so called), as laid out by the selectmen.

Art. 12. To see if the town will build a house for Hose Company No. 2, on land corner of Main and Lynde streets, and borrow money for the same, on petition of George T. Brown and others.

Art. 13. To hear and act upon the report of the electric

light committee, on the petition of Eugene F. Carpenter, for extra remuneration for services rendered said committee in 1891.

Art. 14. To see if the town will properly drain Cedar park, and borrow money for the same, on petition of E. H. Goss and others.

Art. 15. To see if the town will build a shed for horses, on land in the rear of the Town Hall building, and appropriate or borrow money for the same.

Art. 16. To hear and act upon the reports of committees, and for the transaction of any other business which may legally come before the meeting.

And you are directed to serve this warrant by posting attested copies thereof at the Town Hall, each of the post-offices and depots in the town, not less than seven days before the day appointed for said meeting, and by leaving printed copies of the warrant at the dwellings of the legal voters before the day of meeting.

Hereof fail not, and make due return of this warrant, with your doings thereon, to the town clerk, at the time and place of said meeting.

Given under our hands this sixth day of June, in the year one thousand eight hundred and ninty-three.

DANIEL NORTON,
CHARLES W. COOK,
E. H. MOORE,
WM. A. WATERHOUSE;
SIDNEY H. BUTTRICK,
Selectmen of Melrose.

A true copy. Attest,

ANSEL B. PIERCE. Constable.

Meeting, June 15, 1893, 7.30 p. m.

Art. 1. Chose Levi S. Gould moderator, by unanimous vote.

Voted, To take up.

Art. 8. Street sprinkling.

Voted, That the town authorize the selectmen to water Main street, from the house of Henry Lynde, northerly, and other heavily traveled streets, as the selectmen in their judgment may decide; and that the treasurer be authorized to borrow fifteen hundred dollars for this purpose. Vote, affirmative, 74; negative, 56.

Voted, unanimously, That the selectmen be requested to ask the East Middlesex Street Railway to contribute toward the expense of watering the streets.

Voted, To take up.

Arts. 2, 3 and 4. Water supply (Ell Pond).

Motions submitted and discussed.

Voted, To adjourn to Saturday evening, June 24, 1893, at 7.30 o'clock. Vote, affirmative, 79; negative, 64.

Adjourned Meeting, June 24, 1893, 7.30 p. m.

Arts. 2, 3 and 4. Laid on table.

Voted, To take up.

Art. 16.

Voted, That the board of water commissioners and Daniel Russell, Stephen F. Keyes, Dr. Chas. C. Odlin and John Larrabee be a committee to examine into, and consider the matter of an additional water supply, including the proposition of Mr. Sibley, relating to Martin's meadows (so called), the taking of water from Bennett's pond or meadows, the Wakefield water company, or any other source deemed feasible, and report upon the same at an adjournment of this meeting.

Art. 5. Laid on table.

Voted, To take from the table.

Art. 5. W. F. Bonds, 1893.

Voted, unanimously, That we hereby accept the act entitled "An act to authorize the town of Melrose to make an additional water loan," same being chapter 433 of the acts of 1893, and we hereby authorize and direct the issue of fifty bonds, each of the denomination of one thousand dollars, bearing on the face the words, "Melrose water loan act of 1893," payable not less than five nor more than twenty years from the date of issue, bearing interest payable semi-annually at four per cent. per annum; and the treasurer is hereby authorized and directed to sign said bonds, and the board of water commissioners are hereby authorized and directed to countersign the same; and the treasurer is also authorized for the purpose of paying the cost of constructing the water works from time to time as the town may direct, to sell and dispose of the said bonds at public or private sale, on such terms and conditions as he may deem proper, the proceeds to be applied as before stated.

Voted, unanimously, That the treasurer be authorized to issue and sell as many as may be necessary, not exceeding

fifteen of said bonds, for the purpose of paying the cost of constructing and extending the water works for the current year.

Art. 6. Release to McGeough.

Voted, That the town of Melrose unite with the cities of Malden and Medford in releasing to Arthur N. McGeough, 20,589 square feet of the land in Stoneham, heretofore taken by this town in conjunction with the said cities, the land to be released being the lot marked "A," shown on a plan marked April 10, 1893, surveyed by G. A. Wetherbee, C. E., and is released in consideration of an allowance made in settlement with said McGeough.

Voted, To take up.

Art. 8. Sprinkling streets.

Voted, That the vote of the town passed at the last meeting, made under this article, be hereby rescinded. Unanimous vote.

Art. 13. Electric light committee report.

Laid on table.

Voted, To take up.

Art. 11. Spear and Park streets. No action.

Voted, To take up.

Art. 7. Ell pond brook.

Voted, That this article be referred to the selectmen to examine and report upon the same at some future meeting, as to what ought to be done in the premises.

Voted, To adjourn to Thursday, July 20, 1893, at 7.30 p. m.

Adjourned Meeting, July 20, 1893, 7.30 p. m.

Met according to adjournment.

Article 16.

Verbal report of water committee by their chairman who stated that the state board of health had not completed its report and asked further time.

Voted, unanimously, That when this meeting adjourns it shall be to Monday, Sept. 11, 1893, at 7.30 p. m.

Voted, That if in the judgment of the water committee it shall become necessary to make further experiments for an additional water supply, that they be authorized to expend not exceeding fifteen hundred dollars and that the treasurer be authorized to sell two water loan bonds for the payment of the same.

Art. 13. Electric light bill. Statement by chairman of electric light committee.

Voted, To indefinitely postpone.

Voted, To adjourn.

Adjourned Meeting, Sept. 11, 1893, 7.30 p. m..

Met according to adjournment.

Article 14. Cedar park drain.

Voted, That the matter be referred to the selectmen to examine and report at meeting in November next.

Art. 16. Additional water supply.

Report of committee on additional water supply read and accepted. The report of the state board of health included therein having been published the reading of same was omitted by vote.

Voted, unanimously, That the committee on additional water supply be authorized to expend not exceeding \$1,000 in addition to the amount previously appropriated, viz.: \$1,500, making a total of \$2,500, the same to be paid by the treasurer and charged to the water fund account, and that he be authorized to sell one additional water bond, making a total of three bonds to defray said expenses.

Main street widening.

Voted, That the selectmen be instructed to ascertain what suits for damages by reason of the widening of Main street can be settled and for what amounts, and report upon same at meeting in November next.

Art. 9. Cleaveland street.

Voted, That this matter be left with the selectmen to relocate the lines of the street as their best judgment shall dictate.

Art. 12. Hose house, Wyoming.

Voted, To indefinitely postpone.

Art. 10. Boundary line.

Voted, That the board of selectmen be a committee to act with a committee of the First Baptist church in the matter of establishing a boundary line between land owned by the town and said church with full power to act in the premises.

Voted, To adjourn sine die.

WARRANT FOR MEETING

NOV. 7, 1893.

*To either of the Constables of the Town of Melrose, in the
County of Middlesex. GREETING.*

In the name of the Commonwealth of Massachusetts, you are hereby required to notify the Inhabitants of Precinct One, of the Town of Melrose, qualified to vote as the law directs, to meet in school house on Franklin street, west side of B. & M. R. R., on Tuesday, the seventh day of November, A. D. 1893, at six o'clock a. m., then and there to give in their votes on one ballot :

For governor, for lieutenant-governor, for secretary, for treasurer and receiver-general, for auditor, for attorney-general of the commonwealth, for one councillor for the sixth district, one county commissioner for the county of Middlesex to hold office for the term of three years from the first Wednesday of January next, one register of probate and insolvency for the county of Middlesex to hold office for the term of five years from the first Wednesday in January next. Also for one senator for the sixth Middlesex senatorial district, and for one representative in the general court for the eleventh Middlesex representative district ; also to give in their votes on the same ballot "Yes" or "No" for or against the following

Article of amendment to the constitution relative to the payment of mileage to members of the general court.

So much of article two of section three of chapter one of the constitution of the commonwealth as is contained in the following words : "The expenses of traveling to the general assembly, and returning home, once in every session, and no more, shall be paid by the government, out of the

public treasury, to every member who shall attend as seasonably as he can, in the judgment of the house, and does not depart without leave," is hereby annulled.

The polls shall be opened at six o'clock a. m., and shall be closed at thirty minutes past four o'clock p. m.

And you are directed to serve this warrant by posting attested copies thereof at the Town Hall, each of the post offices, polling places, and depots in the town, not less than seven days before the day appointed for said meeting, and by leaving printed copies of the warrant at the dwellings of the legal voters before the day of meeting.

Hereof fail not, and make due return of this warrant, with your doings thereon, to the town clerk, at the time and place of said meeting.

Given under our hands this seventeenth day of October, in the year one thousand eight hundred and ninety-three.

DANIEL NORTON,
EUGENE H. MOORE,
CHARLES W. COOK,
SIDNEY H. BUTTRICK,
Selectmen of Melrose.

WARRANT FOR MEETING,
NOVEMBER 7, 1893.

*To either of the Constables of the Town of Melrose, in the
County of Middlesex :* *GREETING.*

In the name of the Commonwealth of Massachusetts, you are hereby required to notify the inhabitants of precinct two, town of Melrose, qualified to vote as the law directs to meet at the Town Hall, on Tuesday, the seventh day of November, A. D. 1893, at 6 o'clock, a. m., then and there to give in their votes on one ballot:

For governor, for lieutenant governor, for secretary, for treasurer and receiver general, for auditor, for attorney general of the Commonwealth, for one councillor for the sixth district, one county commissioner for the county of Middlesex to hold office for the term of three years from the first Wednesday of January next, one register of probate and insolvency for the county of Middlesex to hold office for the term of five years from the first Wednesday in January next, one register of probate and insolvency for the county of Middlesex to hold office for the term of five years from the first Wednesday in January next. Also for one senator for the sixth Middlesex senatorial district, and for one representative in the general court for the eleventh Middlesex representative district ; also to give in their votes on the same ballot, "yes" or "no," for or against the following :

Article of amendment to the constitution relative to the payment of mileage to members of the general court.

So much of article two of section three of chapter one of the constitution of the Commonwealth as is contained in the following words : "The expenses of travelling to the general assembly, and returning home, once in every session, and no more, shall be paid by the government, out of the public treasury, to every member who shall attend as seasonably as he can, in the judgment of the house, and does not depart without leave," is hereby annulled.

The polls shall be opened at six o'clock a. m., and shall be closed at thirty minutes past four o'clock p. m.

And you are directed to serve this warrant by posting attested copies thereof at the Town Hall, each of the post offices, polling places and depots in the town, not less than seven days before the day appointed for said meeting, and by leaving printed copies of the warrant at the dwellings of the legal voters before the day of meeting.

Hereof fail not, and make due return of this warrant, with your doings thereon, to the town clerk, at the time and place of said meeting.

Given under our hands this seventeenth day of October in the year one thousand eight hundred and ninety three.

DANIEL NORTON,
EUGENE H. MOORE,
CHARLES W. COOK,
SIDNEY H. BUTTRICK,
Selectmen of Melrose.

WARRANT OF ANNUAL MEETING

NOVEMBER 7, 1893.

To either of the constables of the town of Melrose in the county of Middlesex: *GREETING.*

In the name of the Commonwealth of Massachusetts, you are hereby required to notify the inhabitants of Precinct Three, of the town of Melrose, qualified to vote as the law directs, to meet in the rooms of Blake Hose Company Masonic building, corner of Main street and Wyoming avenue, Tuesday, the seventh day of November, A. D. 1893, at six o'clock, a. m., then and there to give in their votes on one ballot:

For govenor, for lieutenant-governor, for secretary, for treasurer and receiver-general, for auditor, for attorney-general of the Commonwealth, for one councillor for the sixth district, one county commissioner for the county of Middlesex, to hold office for the term of three years from the first Wednesday in January next, one register of probate and insolvency for the county of Middlesex, to hold office for the term of five years from the first Wednesday in January next

Also, for one senator for the sixth Middlesex senatorial district, and for one representative in the general court for the eleventh Middlesex representative district; also, to give in their votes on the same ballot "Yes," or "No," for or against the following :

Article of amendment to the constitution relative to the payment of mileage to members of the general court.

So much of article two of section three of chapter one of the constitution of the Commonwealth as is contained in the following words: "The expenses of travelling to the general assembly, and returning home, once in every session, and no more, shall be paid by the government, out of the public treasury, to every member who shall attend as seasonably as he can, in the judgment of the house, and does not depart without leave," is hereby annulled.

The polls shall be opened at six o'clock a. m., and shall be closed at thirty minutes past four o'clock p. m.

And you are directed to serve this warrant by posting attested copies thereof at the Town Hall, each of the post-offices, polling-places and depots in the town, not less than seven days before the day appointed for said meeting, and by leaving printed copies of the warrant at the dwellings of the legal voters before the day of meeting.

Hereof fail not, and make due return of this warrant, with your doings thereon, to the town clerk, at the time and place of said meeting.

Given under our hands this seventeenth day of October, in the year one thousand eight hundred and ninety-three.

DANIEL NORTON,
EUGENE H. MOORE,
CHARLES W. COOK,
SIDNEY H. BUTTRICK,

Selectmen of Melrose.

For Lieutenant-Governor.

James B. Carroll, of Springfield, Democratic.

Precinct 1,	.	.	.	.	.	.	.	.	.	98
" 2,	.	.	.	.	.	.	.	.	.	194
" 3,	.	.	.	.	.	.	.	.	.	253
										545

Joseph K. Harris, of Haverhill, People's Party.

Precinct 1,	.	.	.	.	.	.	.	.	.	6
" 2,	.	.	.	.	.	.	.	.	.	1
" 3,	.	.	.	.	.	.	.	.	.	10
										17

Morris E. Reuther, of Holyoke, Socialist Labor.

Precinct 1,	.	.	.	.	.	.	.	.	.	1
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Henry C. Smith, of Williamsburg, Prohibition.

Precinct 1,	.	.	.	.	.	.	.	.	.	9
" 2,	.	.	.	.	.	.	.	.	.	28
" 3,	.	.	.	.	.	.	.	.	.	22
										59

Roger Wolcott, of Boston, Republican.

Precinct 1,	.	.	.	.	.	.	.	.	.	254
" 2,	.	.	.	.	.	.	.	.	.	518
" 3,	.	.	.	.	.	.	.	.	.	379
										1,151

Blanks.

Precinct 1,	.	.	.	.	.	.	.	.	.	12
" 2,	.	.	.	.	.	.	.	.	.	13
" 3,	.	.	.	.	.	.	.	.	.	17
										42

Total number of votes cast, 1,815

For Attorney-General.

Hosea M. Knowlton, of New Bedford, Republican.

Precinct 1,	.	.	.	.	.	.	.	.	.	248
" 2,	.	.	.	.	.	.	.	.	.	520
" 3,	.	.	.	.	.	.	.	.	.	369
										1137

Charles S. Lilley, of Lowell, Democratic.

Precinct 1,	.	.	.	.	.	.	.	.	.	98
" 2,	.	.	.	.	.	.	.	.	.	171
" 3,	.	.	.	.	.	.	.	.	.	246
										515

Daniel Lynch, of Boston, Socialist Labor.

Precinct 1,	.	.	.	.	.	.	.	.	.	2
" 2,	.	.	.	.	.	.	.	.	.	2
" 3,	.	.	.	.	.	.	.	.	.	1
										5

Robert F. Raymond, of New Bedford, Prohibition.

Precinct 1,	.	.	.	.	.	.	.	.	.	8
" 2,	.	.	.	.	.	.	.	.	.	31
" 3,	.	.	.	.	.	.	.	.	.	18
										57

Conrad Reno, of Boston, People's Party.

Precinct 1,	.	.	.	.	.	.	.	.	.	7
" 3,	.	.	.	.	.	.	.	.	.	8
										15

Blanks.

Precinct 1,	.	.	.	.	.	.	.	.	.	17
" 2,	.	.	.	.	.	.	.	.	.	30
" 3,	.	.	.	.	.	.	.	.	.	39
										86

Total number of votes cast, 1815

John Singer, Jr.

Precinct 1,	.	.	.	.	.	.	.	.	.	1
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Elijah George.

Precinct 3,	.	.	.	.	.	.	.	.	.	1
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Blanks.

Precinct 1,	.	.	.	.	.	.	.	.	.	27
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" 2,	.	.	.	.	.	.	.	.	.	58
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" 3,	.	.	.	.	.	.	.	.	.	49
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134

Total number of votes cast,	.	.	.	.	.	.	.	.	.	1815
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For County Commissioner, Middlesex.

J. Henry Read, of Westford, Republican.

Precinct 1,	.	.	.	.	.	.	.	.	.	255
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" 2,	.	.	.	.	.	.	.	.	.	511
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" 3,	.	.	.	.	.	.	.	.	.	367
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1133

William A. Read, of Lowell, Democratic.

Precinct 1,	.	.	.	.	.	.	.	.	.	102
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" 2,	.	.	.	.	.	.	.	.	.	176
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" 3,	.	.	.	.	.	.	.	.	.	259
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537

Judge Sewall.

Precinct 1,	.	.	.	.	.	.	.	.	.	1
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Blanks.

Precinct 1,	.	.	.	.	.	.	.	.	.	22
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" 2,	.	.	.	.	.	.	.	.	.	67
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" 3,	.	.	.	.	.	.	.	.	.	55
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144

Total number of votes cast,	.	.	.	.	.	.	.	.	.	1815
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For Senator, Sixth Middlesex District.

Charles F. Brown, of Reading, Republican.

Precinct 1,	.	.	.	.	.	.	.	.	.	225
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" 2,	.	.	.	.	.	.	.	.	.	490
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" 3,	.	.	.	.	.	.	.	.	.	349
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1064

Mary A. Livermore, precinct 1, I

Blanks.

Precinct 1, 17

" 2, 17

" 3, 18

52

Total number of votes cast, 1,815

Amendment to the Constitution.

"Yes."

Precinct 1, 120

" 2, 251

" 3, 205

576

"No."

Precinct 1, 80

" 2, 139

" 3, 124

343

Blanks.

Precinct 1, 180

" 2, 364

" 3, 352

896

Total number of votes cast, 1,815

WARRANT FOR MEETING.

NOV. 23, 1893.

*To either of the Constables of the Town of Melrose, in the County
of Middlesex :* *GREETING.*

In the name of the commonwealth of Massachusetts, you are hereby required to notify the inhabitants of the town of Melrose, qualified to vote in elections and town affairs, to meet at the Town Hall on Thursday, the 23d day of November, A. D. 1893, at 7.30 o'clock, p. m., then and there to act on the following articles, viz.:

Article 1. To choose a moderator.

Art. 2. To see if the town will take into consideration the building of a central fire station, and appoint a committee to investigate the matter, and report at the next town meeting, by request of the fire engineers.

Art. 3. To see if the town will pay to John Hitchins damages for injuries sustained by his daughter, by reason of a fall over a water shut-off box, the same being in the sidewalk or public highway, on petition of John Hitchins and ten others.

Art. 4. To see if the town will prescribe and accept rules and regulations regarding plumbing, which have been approved by the board of health, in accordance with the provisions of section 6, chap. 477 of the acts of 1893, by request of the board of health.

Art. 5. To see if the town will authorize the town treasurer to sell twenty water bonds, of one thousand dollars each, of the issue of 1893, for the purpose of paying the expense of the Spot pond improvement.

Art. 6. To see what disposition the town will make of the old hook and ladder truck.

Art. 7. To see if the town will purchase a hose wagon for the Highlands, and authorize the treasurer to borrow money for the same.

Art. 8. To hear and act upon the report of the selectmen in the matter of the re-location of Cleaveland street.

Art. 9. To see if the town will accept the following streets as laid out by the selectmen, and raise money for the building and grading of the same, if necessary :

1. Street running from Lebanon street, westerly, to Potter street (so called), to be known as Malvern street.

2. Street running from Lynde street, southerly, to Malvern street, to be known as Potter street.

3. Street running from Lebanon street, easterly, to Meridian street, to be known as Beech avenue.

4. Street running from Linwood avenue to the westerly line of Mystic avenue, to be known as Gibbons street.

5. Street running from Washington street, easterly, thence northeasterly to Everett street (so called), to be known as Crescent avenue.

6. Street running from Pleasant street, westerly, to Crescent avenue (so called), to be known as Ashmont street.

7. Street running from Ashmont street (so called), southerly, to be known as Ashmont park.

8. Street running from Pleasant street, westerly, to Crescent avenue (so called), to be known as Frances street.

9. Street running from Frances street (so called), northerly, to Everett street (so called), to be known as Bartlett street.

10. Street running from Pleasant street, westerly, to Crescent avenue (so called), to be known as Everett street.

11. The extension of Park street, easterly, to Spear street (so called).

12. Street running from the extension of Park street, southerly 475 feet, to be known as Spear street.

Art. 10. To see if the town will amend the vote passed June 24th, 1893, relating to the release of certain land in Stoneham taken in conjunction with the cities of Malden and Medford, so that authority may be given for the execution of said release.

Art. 11. To hear and act upon a report of the committee on additional water supply.

Art. 12. To see if the town will accept the provisions of chapter 304 of the acts of 1893, being an act to provide for the election of sewer commissioners in towns.

Art. 13. To hear the report of the committee on sewerage, and to determine what action shall be taken in the matter of laying the sewer pipes in the town, and whether application shall be made to the next legislature for leave to issue bonds to pay for the same, by request of the committee on sewerage.

Art. 14. To see if the town will accept the jury list as revised.

Art. 15. To see what action the town will take on the order of the county commissioners for the widening, straightening and re-location of the lines of Main street from Mt. Vernon street, northerly, to its junction with Green street, and raise or appropriate money for the carrying out of said order.

Art. 16. To hear and act upon the reports of committees and for the transaction of any other business which may legally come before this meeting.

And you are directed to serve this warrant by posting attested copies thereof at the Town Hall, each of the post offices and depots in the town, not less than seven days before the day appointed for said meeting, and by leaving printed copies of the warrant at the dwellings of the legal voters before the day of meeting.

Hereof fail not, and make due return of this warrant, with your doings thereon, to the town clerk, at the time and place of said meeting.

Given under our hands this fourteenth day of November, in the year one thousand eight hundred and ninety-three.

DANIEL NORTON,
EUGENE H. MOORE,
WM. A. WATERHOUSE,
CHARLES W. COOK,
SIDNEY H. BUTTRICK,

Selectmen of Melrose.

Warrant served by

A. B. PIERCE, Constable.

Meeting Nov. 23, 1893, 7.30 p.m.

Article I. Chose Levi S. Gould moderator by unanimous vote. Thirteen ballots cast.

Art. II. Additional water supply.

Report of committee on additional water supply, submitting proposition of A. C. Sibley to furnish water, read and accepted.

Voted, unanimously, That the matter of making a contract with A. C. Sibley, for an additional supply of water be left with the committee on additional water supply, heretofore appointed, with full power to act in the premises, and that they be also authorized to make further investigations or experiments, if deemed necessary, the expense of same, in either instance, to be defrayed from the water account, provided the expense for investigations or experiments shall not exceed two thousand (\$2,000) dollars.

Art. 12 and 13. Sewerage.

Report of committee read and accepted.

Voted, unanimously, To accept the provisions of Chapter 304, Acts of 1893, which provide for the election of sewer commissioners in towns. Check lists used ; "yes" and "no" ballots used ; number cast, seven.

Art. 4. Plumbing rules and regulations.

Rules and regulations relating to plumbing submitted by the board of health.

Voted, That the subject matter of the same be printed and submitted at the next town meeting, for action thereon.

Art. 16. Finance committee.

Voted, unanimously, That John W. Farwell, Levi S. Gould, Thomas W. Ripley, Frank H. Damon, P. M. DeWolfe, Geo. W. Farnsworth and Moses S. Page, be a finance committee to serve for the ensuing municipal year.

Treasurer authorized.

Voted, unanimously, That the treasurer be and hereby is authorized to pay all necessary expenses, which may be incurred from January 1, 1894, to April 1, 1894, in anticipation of the annual appropriations of the year, said amounts to be charged to the several appropriations.

By-Laws.

Resignation of A. M. Willis, one of the committee to revise the by-laws, received and accepted. Charles H. Adams was elected to fill the vacancy ; upon his declination John Larrabee was elected.

Art. 5. Water. Spot pond improvements.

Voted, unanimously, That the treasurer be authorized to sell twenty water bonds of \$1,000 each, of the issue of October 1, 1893, the proceeds to be used for the purpose of paying or refunding sums paid on account of improvements about Spot pond.

Art. 10. Release deed.

Voted, unanimously, That the treasurer be and is hereby authorized to execute a deed in behalf of the town releasing certain land in Stoneham taken by this town in conjunction with the cities of Malden and Medford as described in vote passed June 24, 1893.

Art. 2. Fire station.

Voted, unanimously, That Royal P. Barry, John P. Deering, John Larrabee, A. Wilbur Lynde and Walter Babb, be a committee to examine into the needs of a central fire station and report upon the same with probable cost at the annual meeting in March next.

Art. 3. Petition of John Hitchins for damages.

Voted, unanimously, That the whole matter be left with the selectmen with full powers to act as in their judgment seems best.

Art. 6. Hook and ladder truck.

Voted, That the board of fire engineers be authorized to dispose of the old hook and ladder truck, the amount received therefrom to be credited to the fire department account.

Art. 7. Highland hose wagon.

Voted, That the sum of four hundred and thirty-five (\$435) dollars be appropriated for the purchase of a hose wagon for the Highlands and that the town treasurer be authorized to borrow money, for the same (unanimous vote).

Art. 8. Cleaveland street.

Voted, unanimously, That the selectmen be instructed to build Cleaveland street as originally laid out, that the sum of one thousand (\$1,000) dollars be appropriated and that the town treasurer be authorized to borrow said amount, and if any land shall be released to Mr. Cleaveland he shall pay the town a suitable compensation therefor.

Art. 15. Main street widening.

Voted, unanimously, That the treasurer be authorized to borrow the sum of fifteen hundred (\$1,500) dollars, said amount to be expended under the direction of the selectmen in the widening of Main street in accordance with the order of the county commissioners.

Art. 14. Jury list.

Voted, To accept the jury list as revised by the selectmen.

Art. 9. *Voted*, To accept the following streets as laid out by the selectmen, viz:

1. Street running from Lebanon street, westerly, to be known as Malvern street.
2. Street running from Lynde street, southerly, to be known as Potter street.
3. Street running from Lebanon street, easterly, to Meridian street, to be known as Beech avenue.

4. Street running from Linwood avenue to westerly line of Mystic avenue, to be known as Gibbons street.

5. Street running from Washington street, easterly and north-easterly, to be known as Crescent avenue.

6. Street running from Pleasant street, westerly, to be known as Ashmont street.

7. Street running from Ashmont street, southerly, to be known as Ashmont park.

8. Street running from Pleasant street, westerly, to be known as Frances street.

9. Street running from Frances street, northerly, to be known as Bartlett street.

10. Street running from Pleasant street, westerly, to be known as Everett street.

11. An extension of Park street, easterly.

12. Street running from Park street as extended, southerly, 475 feet, to be known as Spear street.

Voted, to adjourn, sine die.

AUDITOR'S REPORT.

To the Inhabitants of Melrose :

In compliance with the provisions of chapter 221 of the acts of the year 1889, I have the honor to report as follows :

I have examined the books of the treasurer, collector and water registrar, and find them correctly kept and proper vouchers for all the transactions they contain.

In compliance with the vote of the town I have compiled the annual Town Report and submit the same.

Respectfully,

EDWIN C. GOULD,

Auditor.

EXPENSES OF THE TOWN OF MELROSE.

FOR THE

YEAR ENDING DECEMBER 30, 1893.

As compiled by the Auditor from the Original Vouchers.

CONTINGENT.

Balance, 1892,	.	.	.	.	.	.	.	\$613 45
Appropriation,	.	.	.	.	.	.	.	2,000 00

RECEIPTS.

Burrell, W. A., auctioneer's license,	.	\$2 00
Buttrick, S. H.,	"	2 00
Eastman, M. F.,	"	2 00
Hatch, F. L.,	"	2 00
Kilgore, R. D.,	"	2 00
Lovejoy, S. A.,	"	2 00
Rent of Barry house,	.	180 00
Edwards, Jos., rent north end Town		
Hall lot,	.	10 00
		202 00

Amount carried forward, \$2,815 45

Amount brought forward, \$2,815 45

EXPENDED.

American Express, expressage, . . .	\$2 35
Bartlett, Geo. W., use of horse, . . .	1 50
Brock Bros., plumbing Barry house, .	1 75
Burrell & Swett, letter-boxes, . . .	2 50
Carrie & Co., Wm. A., check-book for treasurer,	10 00
Clay, Mary, personal damages, defect- ive sidewalk, Porter street, . . .	50 00
Dill, Jesse A., lunches, March and April elections, for tellers, clerks, select- men and police,	90 00
Dunton & Potter, 2,200 town reports, .	514 80
“ “ printing voting lists, . . .	93 30
“ “ printing for collector of taxes,	41 00
Dutton & Potter, sundry printing and advertising,	68 75
Edwards, Jos., labor on ironwork, as- sessor's room,	1 75
Edwards, Jos., feed and care of cow in pound,	8 54
Edwards, Jos., repairs to Burrell's wagon	23 80
Ellis, Fred. E., moving band-stand, .	9 00
Ellison, C. W., postage stamps, . . .	10 00
Election officers, (11) March election, .	55 00
“ “ (4) April election, . . .	20 00
Fuller, G. E., labor, handling booths and building stage,	12 00
Fuller, G. E., ringing bell, Feb. 22, June 17 and July 4,	6 00
Hesseltine, F. S., cash paid witnesses, &c., Town vs. Hiland, to be re- funded,	41 56

Amount carried forward, . . . \$1,063 60

<i>Amounts brought forward,</i>	\$1,063 60	\$2,815 45
Hoffman, C. L., cleaning and building cesspool, Barry house,	17 50	
Howard Watch & Clock Co., E., hammer to Town Hall clock,	13 98	
Lambert, J. A., ringing bell,	6 00	
Lane, Addison, directories, postage and envelopes, 1892-93,	53 88	
Larrabee, John, services, clerk board of selectmen, 1892-93,	50 00	
Larrabee, John, collecting, recording and indexing, births, marriages and deaths,	158 55	
Larrabee & Stearns, pencils and bands,	1 35	
Lynde, A. W., labor and pipe, Barry house,	2 00	
MacLachlan, A. L., repairing harness,	1 75	
McCullough, J. J., returning deaths,	1 00	
“ “ chair and cushion, assessors' room,	7 25	
McLaughlin, F. M., two boxes numbers for registration,	1 50	
Melrose Highlands club, use of hall, hearing, January 31,	6 00	
Melrose Journal, advertising warrants, meetings, hearings, etc.,	36 52	
Melrose Journal, ballots and warrants,	43 00	
“ “ finance reports, and sundries,	27 00	
Mitchell Mfg. Co., A. W., rubber stamps,	10 00	
Murphy, Dennis J., posting bills,	2 00	
Newhall, Geo., postage stamps,	26 00	
Pierce, A. B., posting and distributing town warrants,	144 00	
Pierce & Son, A. B., returning deaths,	31 00	
<i>Amount carried forward,</i>	\$1,703 88	

<i>Amounts brought forward,</i>	\$1,703 88	\$2,815 45
Amadon, A. F., M. D., returning births, 1892,	50	
Clark, J. S., M. D., returning births, 1892,	6 25	
Dike, John, M. D., returning births, 1892,	1 50	
Harlow, C. W., M. D., returning births, 1892,	1 75	
Jack, E. S., M. D., returning births, 1892,	7 25	
Jones, Chas. D., M. D., returning births, 1892,	25	
Morse, F. H., M. D., returning births, 1892,	11 25	
Odlin, C. C., M. D., returning births, 1892,	16 75	
Selee, A. M., M. D., returning births, 1892,	5 25	
Wadsworth, P., M. D., returning births, 1892,	50	
Warren, E. L., M. D., returning births, 1892,	25	
Prior, C. E., M. D., professional services in case of Mary Cain,	10 00	
Pratt, Dexter, horse and wagon for assessors, 1892,	30 00	
Rand, R. M., posting bills,	15 00	
Ripley, T. W., 2,967 assessors blanks, .	16 00	
Ripley, T. W., 1,000 pamphlets for as- sessors,	382 75	
Ripley, T. W., collector's books, . . .	14 50	
Stantial, Geo. C., services, examination of tax books, State House, . . .	25 00	
Stantial, Thos. B., stock and labor, as- sessor's room,	18 09	
Eastman's express, Expressage, town reports,	1 90	
Weeks, I. C., ringing bell,	6 00	
Worthen, C. C., repairs to carriage, damages on Foster street, . . .	4 45	
Warren, E. L., salary, inspector of cattle, 1892-93,	100 00	
<i>Amount carried forward,</i>	\$2,379 07	

<i>Amount brought forward,</i>	\$2,379 07	\$2,815 45
Brock Bros., use of stove, precinct 3, .	3 00	
Burrell & Swett, tacks, precinct voting,	28	
Dill, Jesse A., lunches, Nov. 2-7, for election officers,	70 10	
Election officers pay roll, precinct 1, .	40 00	
" " " " " 2, .	80 00	
" " " " " 3, .	70 00	
Glover, Geo. C., heating and lighting old school house, Franklin street, Nov. 7,	3 00	
King, G. F., & Merrill, sundries, . .	10 43	
Larrabee & Stearns, sundries, . .	1 20	
Melrose Journal, printing warrants, .	12 00	
Melrose Journal, advertising warrants,	17 25	
Mitchell Mfg. Co., A. W., stamp and seals,	11 00	
Parker, A. W., posting list boards, .	2 50	
Simpson, H. W., cleaning hose, "2 house,"	3 00	
Stevens, W. C., making plans of pre- cincts, and copies,	22 00	
Stevens, W. C., surveying and setting stone bounds,	30 00	
Vaughn & Ripley, stock and labor, making bulletin boards,	5 75	
Woodward, D. R., stock and labor, making polling booths,	51 34	2,811 92
Balance,		\$3 53

FIRE ALARM BELL TOWER,

Hose House No. 4.

Appropriation,	\$350 00	
Transferred from fire department,	178 25	
		\$528 25

EXPENDED.

Deering, & Co., J. P., lumber,	\$15 25	
Municipal Fire & Police Tel. Co., striker and bell,	475 00	
Stockwell, Dean T., labor,	14 00	
Woodward, Henry, labor,	24 00	
		528 25

FIRE ALARM MAINTENANCE.

Balance, 1892,	\$1 53	
Appropriation,	200 00	
		201 53

EXPENDED.

Bly, Chas. L., cut outs,	\$6 60	
Brock Bros., sundries,	3 14	
Burnham, G. E., labor on line,	47 46	
Municipal Fire & Police Tel. Co., two Sector boxes, lightning arresters, wire and labor,	139 85	
Perry, H. J., hardware,	3 53	
		200 58
Balance,		95

FIRE DEPARTMENT.

Balance,	\$8 78	
Appropriation,	9,250 02	
Cash received for old hose,	17 05	
		\$9,275 85
Less transfer to fire alarm bell tower,	178 25	
		\$9,097 60

EXPENDED.

Lynde, A. W., chief engineer, 15 mos.,	62 50
Lear, Samuel, engineer and clerk, 15	
mos.,	75 05
Parker, A. W., engineer and clerk, .	62 50
	\$200 00

Melrose Steamer.

Services of Men.

Norton, H. R.,	8 75
Bartlett, G. N.,	8 75
Smith, A. B.,	35 00
Emerson, J. W.,	35 00
Hawkes, T. J.,	35 00
Holbrook, J. M.,	35 00
Stantial, T. B.,	35 00
Upham, A. L.,	35 00
Burnham, G. E.,	35 00
Woodward, C. F.,	35 00
Stockwell, D. T.,	8 75
Edwards, C. W., stoker,	95 00
Sargent, W. C.,	35 00
Woodward, D. H.,	26 25
Shute, C. N.,	26 25
Edwards, J. H., engineer,	200 00
Emerson, J. W., steward,	14 15

Amount carried forward, . . . \$702 90

<i>Amounts brought forward,</i>	\$702 90	\$9,097 60
Armstrong, Wm., driver steamer,	502 94	
Stockwell, D. T., driver hose wagon,	477 68	
	\$1,683 52	
Bartlett, G. W., horses,	\$20 00	
Benson, S. E. & Co., coal,	28 00	
Boston Coupling Co., supplies and repairs,	12 05	
Brock Bros., stock and labor,	9 96	
Bugbee & Barrett, oil,	20	
Chesterton & Co., A. W., waste and packing,	3 50	
Deering & Co., J. P., lumber,	12 66	
Dewey, F. O., Company, lanterns,	6 00	
Edwards, Jos., second-hand wagon,	27 00	
Goss, C. B. & F. H., hay and oats,	247 84	
Goss, C. B. & F. H., coal and wood,	43 50	
Holbrook & Norton, sundries,	24 84	
Hurd & Balfour, blankets and spreads,	15 95	
Jefts, W. A., iron beds, mattresses, etc.,	39 80	
Landry W., fixing horses' teeth,	4 00	
Lynde, A. W., hauling steamer,	290 00	
MacLachlaen, A. L., sundries and repairing harnesses,	57 40	
Malden & Melrose Gas Light Co., 24,500 ft. gas,	42 56	
McCoubry, Thos., horse shoeing,	31 93	
McCullough, J. J., bureau and chairs,	6 00	
Parker, A. W., washing, ironing and making sheets,	23 40	
Parker, A. W., paints and labor,	32 20	
Perry, H. J., hardware,	4 79	
Stockwell, Mrs. D. T., one doz. sheets and pillows,	10 58	
Stevens, H., hauling steamer, 1892-3,	165 00	
Williams, J. S., horse clippers,	1 75	
Wright, R. B., three horses,	600 00	
<i>Amount carried forward,</i>	\$3,444 43	\$9,097 60

Amount brought forward, . . . \$9,097 60

Building Stable.

Broad Gauge Iron Works, mangers and

guards,	\$15 70
Burnham, Geo. E., labor,	30 12
Deering & Co., J. P., lumber, . . .	217 96
Gibbons, R., Jr., labor,	160 37
Emery & Co., W., windows,	6 50
Lane Bros., plastering room, . . .	20 00
Lynde, A. W., labor, stone work, . .	32 37
Perry, H. J., hardware,	31 35
Stockwell, D. T., labor,	12 00
	\$526 37

Hook and Ladder.

Services of men.

Johnson, T. B.,	\$35 00
Ames B.,	11 66
Edwards, J.,	35 00
Lynde, W. A.,	35 00
Parker, D. O.,	35 00
Tyzzar, F. H.,	35 00
Tyzzar, J.,	35 00
Wiswell, D. W.,	35 00
Kelley, T.,	11 66
Stewart, W. H.,	35 00
Robertson, H. S.,	35 00
Johnson, W. E.,	35 00
Richardson, J. E.,	35 00
Gordon, C. S.,	35 00
Whiddon, R. H.,	35 00
Gibson, D. E.,	23 33
Lynde, W. A., steward,	50 00

Amounts carried forward, . . . \$551 65 \$9,097 60

<i>Amounts brought forward,</i> . . .	\$551 65	\$9,097 60
Abbot-Downing Co., H. & L. Truck, No.		
17,780,	1,050 00	
Brock Bros., repairing stove, . . .	1 82	
Holbrook & Norton, oil, etc., . . .	4 40	
Lear, Saml., labor,	2 00	
Stevens, H., hauling truck, 1892-93, . .	437 00	
Tyzzar, F. H., painting ladders, . . .	37 75	
	\$2,084 62	

N. D. Blake Hose No. 2.

Services of Men.

Gibbons, Jr., F.,	\$17 50	
Gibbons, J. R.,	35 00	
Stantial, E. B.,	35 00	
Gibbons, Jr., R.,	35 00	
Simpson, H. W.,	35 00	
Phipps, W. F.,	35 00	
Axford, J.,	26 25	
Buchanan, P.,	35 00	
Spear, F. R.,	26 25	
Cotting, W. H.,	35 00	
Thompson, C. B.,	35 00	
Armington, A. H.,	32 08	
Hamlin, J. M.,	17 50	
Gibbons, Jr., R., steward,	13 33	
Armington, A., "	6 67	
Simpson, H. W., "	20 00	
	\$439 58	
Bartlett, G., horses,	20 00	
Burnett & Co., A. J., iron pipe, . . .	1 80	
Goss, C. B. & F. H., coal and wood, . .	35 75	
Holbrook & Norton, sundries,	11 36	

Amounts carried forward, \$508 49 \$9,097 60

<i>Amounts brought forward,</i>	\$508 49	\$9,097 60
Keating, W. E., horses,	52 00	
Keen, A. E., " "	2 00	
Malden & Melrose Gas Light Co.,		
13,000 feet gas,	22 78	
Parker, A. W., paint,	2 50	
Wyoming Lodge Trustees, rent,	200 00	
	\$787 77	

Highland Hose No. 3.

Services of Men.

Storey, F.,	\$35 00	
Allen, G. F.,	14 58	
Day, A. E.,	35 00	
Storey, A.,	35 00	
Porter, T.,	35 00	
Munn, Wm.,	8 75	
Fuller, C. H.,	35 00	
Cass, G. N.,	32 08	
Adams, H. E.,	35 00	
Newhall, L. D.,	35 00	
Norton, F.,	23 33	
Storey, A., steward,	13 33	
Storey, F., " "	26 67	
	\$363 74	
Allen, G. F., horses,	62 50	
Brock Bros., stock and labor,	13 09	
Burnett & Co., A. J., stock and labor,	2 01	
Deering & Co., J. P., lumber,	4 70	
Goss, C. B. & F. H., coal and wood,	22 25	
Lear, S., labor,	8 00	
Palmer, G., horses,	26 00	
Tyzzer, F. H., painting and repairing of		
carriage,	10 00	
	\$512 29	
<i>Amount carried forward,</i>		\$9,097 60

Amount brought forward, \$9,097 60

Wm. E. Barrett Hose No. 4.

Burnett & Co., A. J., stock and labor, . .	\$4 39
Critchett, C. J., steward,	30 00
Deering & Co., J. P., lumber,	62 54
Goss, C. B. & F. H., coal and wood, . .	19 75
Holbrook & Norton, sundries,	6 60
Ingalls, H. P., horses,	8 00
Lear, S., stock and labor,	57 13
Parker, A. W., paint and labor,	7 10
Stone, W. P., oil and wicks,	1 64
Tyzzar, F. H., lettering meter,	25
	\$197 40

FIRE ALARM MAINTENANCE.

Anderson, J. H. L., horse hire,	\$11 50
Bartlett, G., horse hire,	9 00
Burnham, G. E., labor,	31 31
Deering, & Co., J. P., lumber,	7 98
Electric Gas Lighting Co., wire,	1 11
Holbrook, J. M., salary supt., 15 mos., .	125 00
Holbrook & Norton, sundries,	12 28
King & Co., E. & F., vitrol,	33 15
Parker, A. W., vermilion,	10 00
Perry, H. J., hardware,	2 80
Pettengill, Andrews & Co., jars, wire, &c.,	26 55
Prescott & Son., J. B., zincs,	25 20
	\$295 88

Amount carried forward, \$9,097 60

Amount brought forward, \$9,097 60

CONTINGENT.

Boston Coupling Co., two fire extinguishers,	\$86 50
Brock Bros., stock and labor,	65 22
Cable Rubber Co., fire coats,	107 50
Dill, J. A., sandwiches and coffee	22 00
Dunton & Potter, printing,	15 00
Edwards, Jos., stock and labor,	80 20
Frost & Haues, groceries,	2 64
Goss, C. B. & F. H., coal, cement, &c.,	15 85
Lear, Sam'l, railroad tickets,	3 52
McCullough, J. J., one shade,	1 25
McDormand, Warner & Co., two crotch poles,	20 00
Melrose Journal, printing,	2 25
Mitchell Mfg. Co., A. W., badges,	43 50
Perry, H. J., hardware,	15 58
Revere Rubber Co., hose.,	500 00
Ricker, J. E., cigars,	5 25
Stevens, H., expressage,	19 34
Tyzzar, F. H., lettering coats,	9 40
	\$1,015 00

RECAPITULATION.

Engineers,	\$200 00
Melrose steamer,	3,444 43
Stable (building),	526 37
Hook and ladder,	2,084 62
N. D. Blake hose No. 2,	787 77
Highland hose No. 3,	512 29
W. E. Barrett hose No. 4,	197 40
Fire alarm maintenance,	295 88
Miscellaneous bills,	1,015 00
	\$9,063 76
Balance,	
	\$33 84

HEALTH DEPARTMENT.

Balance, 1892,	\$554 89	
Appropriation,	750 00	
		\$1,304 89

EXPENDED.

Brigham, A. L. services as inspector, . .	\$14 00	
Bugbee & Barrett, sulphur,	2 09	
Drown, O. E., fumigating,	34 50	
Dunton & Potter, printing and advertising,	20 50	
Elms, J. O., collecting swill,	1,125 01	
Fuller, G. E., services,	20 00	
Larrabee & Stearns, carbolic acid,	50	
Massachusetts Association of Boards of Health, dues,	9 00	
Melrose Journal, advertising proposals,	14 46	
McLaughlin, F. M., services, agent,	25 00	
Parker, A. W., signs,	7 50	
Sanborn, J. E., sundry expenses,	7 00	1,279 56
Balance,		25 33

HIGHWAY DEPARTMENT.

Balance, 1892,	.	.	.	.	.	\$141 22
Appropriation,	.	.	.	.	.	16,000 00
						\$16,141 22

RECEIPTS.

Allen, G. F., stone,	.	.	.	.	.	50 00
Burrell & Swett, stone,	.	.	.	.	.	67 50
East Middlesex R. R., removing snow,						435 63
East Middlesex R. R., watering street,						150 00
Ellis, W. B., cash,	.	.	.	.	.	1 00
Gove & Woodman, use of steam-roller,						33 00
Hoffman, C. L., stone,	.	.	.	.	.	80 00
Lynn & Boston Street R. R., labor and material on Main street, north of Franklin,	.	.	.	.	.	700 00
Lynn & Boston Street R. R., labor and material on Howard street,	.	.	.	.	.	1,500 00
Commonwealth of Mass., (Met. sewer system), labor and material, Wyoming avenue,	.	.	.	.	.	171 40
						3,188 53
						\$19,329 75

EXPENDED.

Allen, G. F., removing snow,	.	.	.	.	.	\$86 30
American Express, expressage,	.	.	.	.	.	2 25
Atlantic Iron Works, geers and machine work on steam-roller,	.	.	.	.	.	116 56
American Steam Gauge Co., repairing gauges,	.	.	.	.	.	9 25
Barker, Sam'l, damages, East street,	.	.	.	.	.	50 00
<i>Amounts carried forward,</i>	.	.	.	.	.	\$264 36
						\$19,329 75

<i>Amounts brought forward,</i>	.	.	\$264	36	\$19,329	75
Barry, Beale & Co., F. W., books,	.	.	2	00		
Benson & Co., S. E., coal and wood,	.	.	383	18		
Blood, M., one steam gauge,	.	.	4	50		
Boston & Maine R. R., freight,	.	.	3	41		
Brock Bros., pipes and fittings,	.	.	7	64		
Bugbee & Barrett, oil, lanterns, wicks,						
etc.,	.	.	15	48		
Burrell & Swett, hardware, shovels, etc.,	.	.	52	58		
" " catch basin covers,	.	.	18	00		
" " drain pipe,	.	.	98	59		
Butler, H. W., removing snow,	.	.	96	53		
Chesterton, A.W. & Co., engineer's sup-						
plies, packing, waste, etc.,	.	.	20	59		
Cochrane, M. G., 306 yards crossings,						
Howard street,	.	.	18	36		
Concord Foundry Co., catch basin						
covers,	.	.	60	00		
Davis, C. S., removing snow,	.	.	21	32		
Deering & Co., J. P., lumber and posts,	.	.	97	70		
Edwards, Joseph, stock and labor,	.	.	56	17		
Elliott, Chas. O., 2,315 loads of gravel,	.	.	115	75		
Ellis, Fred E., 60 feet covering stone,	.	.	15	00		
Ellis, Fred E., use of boiler,	.	.	28	00		
Ellis, W. B., salary, 10 months,	.	.	833	30		
Gibbons, Jr., R., removing snow,	.	.	56	00		
Gibbons, R., stock and labor,	.	.	17	20		
Goss, C. B. & F. H., drain pipe,	.	.	15	00		
Goodno, W. A., stock and labor,	.	.	2	35		
Greene, F. P., machine work on steam						
roller,	.	.	3	40		

\$3,880 90

Amounts carried forward,, \$2,306 41 \$18,329 75

<i>Amounts brought forward,</i>	\$2,306 41	\$19,329 75
Harvey, H. H., crowbars and hammers,	12 71	
Hoffman, C. L., blasting stone,	10 00	
Hoffman, C. L., concreting,	1,431 62	
Kidder, Samuel, oils,	13 25	
Kilburn, Lincoln & Co., geer casting,	4 79	
Lear, Samuel, labor, repairing fences,	11 00	
Lynde, A. W., labor, setting edge stone,	91 12	
Lynde, F. G., 2,279 loads gravel,	227 90	
Maclachlan, A. L., forge belt,	1 25	
McCoubry, Thos., stock and labor,	268 74	
Melrose Journal, pay roll blanks,	4 25	
Newhall T. R., covers, edgestones, circles,	163 10	
Perrin, Seamans & Co., shovels, barrows and tools,	34 07	
Perry, H. J., hardware,	17 41	
Philpot, R., removing snow,	123 75	
“ 31 loads sand,	31 00	
“ clearing catch basin,	4 00	
“ labor repairing crossing,	11 00	
“ concreting,	635 26	
Prim, Geo. A., 68 loads sand,	51 00	
Sampson, G. H., forcite, hose, &c.,	72 76	
Sawyer, C. E., 393 loads gravel,	39 30	
Smith & Anthony Stove Co., castings and labor,	8 61	
Smith Bros., sharpening tools,	1 20	
Stevens, H., expressage,	9 60	
Stevens, Walter C., surveying,	426 90	
Upham, E., 1,560 loads gravel,	78 00	
Woodward, D. R., stock and labor building and repairing fences,	92 28	
Labor, men and teams, as per pay rolls,	\$12,877 49	
		<u>\$19,059 77</u>
Balance,		\$269 98

INSURANCE.

Appropriation,	\$700 00
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EXPENDED.

Hanaford & Co., J. L., fire and school buildings,	\$497 63	
Leighton, Royal B., fire and school buildings,	113 75	
Westgate & Johnson, school buildings,	117 00	
		728 38
Amount paid in excess of appropriation,		28 38

INTEREST.

Balance, 1892,	\$124 37
Appropriation,	5,400 00

RECEIPTS.

From Collector of Taxes, Interest Collected.

Taxes of 1891,	\$7 60	
" " 1892,	2,090 45	
" " 1893,	170 30	
Interest on deposits, year ending Dec. 31, 1893,	166 75	
W. F. Conant, on note,	1 00	2,436 10
Amount carried forward,		\$7,960 47

Amount brought forward, . . . \$7,960 47

EXPENDED.

Interest coupons Town Hall bonds,	
\$45,000 at 4 per cent, . . .	\$1,800 00
Mrs. L. C. Haskell, note, . . .	200 00
Melrose Savings Bank, on notes, . . .	3,851 02
Decius Beebe, note, . . .	105 34
Worcester Savings Bank, . . .	400 00
Provident Institution for Savings, note,	840 00
Commonwealth of Massachusetts, note,	1,360 00
Eliza Farrell, note, . . .	200 00
Water loan sinking fund commissioners,	116 61
Cemetery trust funds, . . .	184 20
	\$9,057 17

Expenditure exceeds appropriation and
 receipts, . . . \$1,096 70

LOCK-UP REMOVAL.

Balance, 1892, . . .	\$2 85
Appropriation, . . .	17 82
	\$20 67

EXPENDED.

Deering, John P. & Co., . . . \$20 67

MAIN STREET.

Treasurer authorized to borrow . . .	\$1,500 00
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EXPENDED.

Benson & Co., S. E., cement and coal, .	14 25	
Brock Bros., pipe,	2 77	
Burrell & Swett, shovels and handles, .	13 80	
Chesterton & Co., A.W., engineer's supplies,	3 54	
Deering & Co., J. P., lumber, . . .	10 61	
Edwards, Jos., stock and labor, . . .	6 40	
Ellis, Walter B., 1 month's salary, . .	83 33	
Harvey, H. H., hammers,	16 56	
Kidder, Samuel, oil,	4 75	
Lynde, A. W., labor, setting edge stones,	32 50	
McCoubry, Thos., stock and labor, . .	40 56	
Newhall, T. R., covering stone, . . .	99 19	
Perry, H. J., hardware,	1 81	
Perrin, Seamans & Co., barrows and handles,	13 57	
Richards & Co., spelter,	5 78	
Stevens, W. C., surveying,	54 00	
Stevens, H., expressage,	1 95	
Wellington, A. J., breaker oil,	6 00	
Wilkinson & Co., A. J., saws and axes,	8 00	
Woodward, D. R., stock and labor, . .	31 20	
Labor, men and teams, as per pay rolls,	968 72	1,419 29
Balance,		\$80 71

MAIN STREET WIDENING.

As per award of county commissioners.

Amounts paid in 1892,	\$2,569 00
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Amounts paid in 1893.

Atwood, John H.,	\$19 00	
Averill, John P.,	40 00	
Barrett, Augustus,	159 00	
Benson, Seth E.,	28 00	
Bradbury, Benj. F.,	16 00	
Burrell & Swett,	165 00	
Carter Bros.,	58 00	
Edwards, Joanna,	100 00	
Emery, Salter, and Rebecca F.,	162 00	
Fuller, Geo. E.,	102 00	
Gordon, Lucy E.,	284 00	
Green, C. A., estate of,	119 00	
Larrabee, Chas. A.,	98 00	
Leonard, Henry A.,	200 00	
Littlefield, Rhoda P.,	162 00	
MacLachlan, Andrew D.,	279 00	
McKinnon, Harriet P.,	25 00	
Melrose Athletic Club,	80 00	
Pierce, Rosett,	30 00	
Remick, Wm. A., estate,	35 00	
Safford, Geo. A.,	191 00	
Stantial, Mrs. E. B.,	441 00	
Upham, Benj. R.,	995 00	
Wilde, Joseph D.,	108 00	3,896 00
Total,		\$6,465 00

MELROSE COMMON.

Balance, 1892,	\$38 78
Transferred to parks,	38 78

MEMORIAL DAY.

Appropriation,	\$200 00
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EXPENDED.

U. S. Grant, Post 4, Department of Massachusetts, G. A. R.,	200 00
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MILITARY AID.

Balance, 1892,	203 50
Appropriation, 1893,	150 00
	\$353 50

EXPENDED.

Davis, Loami, G.,	\$15 00
Boyd, William,	105 00
Campbell, George,	24 00
Johnson, William A.,	72 00
Stevens, Horace W.,	120 00

\$336 00

Less one-half to be refunded by state, 168 00	168 00
Balance,	\$185 50

NUMBERING BUILDINGS.

Balance, 1892,		1 98	
Appropriation,		50 00	51 98

EXPENDED.

Drown, Osborne E., numbering build- ings,		30 90	
Wilkinson & Co., A. J., door numbers,		13 20	44 10
Balance,			<u>7 88</u>

PUBLIC PARKS,

Appropriation,		\$750 00	
Transferred from Melrose common,		38 78	\$788 78

EXPENDED.

Burrell & Swett, scythe, rakes, &c.,		\$5 70	
Fuller, G. E., care of vase, town hall,		5 00	
Geist, J., filling vase, town hall,		20 00	
Howard, O., labor, cutting grass,		38 75	
“ 11 loads loam,		3 30	
“ sharpening mower and painting fountain,		3 75	
Kennedy, Wm. T., repairing fountain,		50 25	
“ “ setting basin,		18 00	
“ “ sods and labor,		15 40	
Lynde, A. W., labor on Melrose com- mon, as per contract,		200 00	
MacDonald, A., labor on fountain,		13 50	
Melrose Journal, printing,		6 25	
Labor men 109½ days, \$2 00,		219 00	
			<u>598 90</u>
Balance,			\$189 88
Approved bills unpaid, \$149 50.			

PERKINS STREET EXTENSION.

Balance, 1892,	.	.	.	.	.	\$766 78	
Appropriation,	.	.	.	.	.	2,000 00	
						<u> </u>	\$2,766 78

EXPENDED.

Benson & Co., S. E., coal and wood,	.					\$19 00	
Ellis, Fred E., 15 days' use of steam boiler,	.	.	.	.	.	30 00	
Ellis, Walter B., one month's salary,	.					83 33	
Howe, Brown & Co., tool steel,	.	.				7 68	
McCoubry, Thos., stock and labor,	.					132 08	
Phillips & Hodgdon, coal,	.	.	.	.		33 00	
Philpot, Robert, one drag,	.	.	.	.		8 00	
Sampson, Geo. H., forcite and supplies,						79 86	
Labor men and teams as per pay rolls,						1,967 59	
						<u> </u>	\$2,360 54
Balance,	.	.	.	.	.		\$406 24

PERKINS STREET LAND DAMAGES.

Buffum, J. H., and wife,	.	.	.	.		\$350 00
To be refunded by county commissioners.						

POLICE DEPARTMENT.

Balance, 1892,	.	.	.	.	.	\$39 47	
Appropriations,	.	.	.	.	.	6,537 61	
Cash received, court fees,	.	.	.	.	.	390 55	
“ house correction fees,	.					25 00	
						<u> </u>	\$6,992 63
<i>Amount carried forward,</i>	.	.					\$6,992 63

Amount brought forward. . . . \$6,992 63

EXPENDED.

Paid officers, services rendered.

McLaughlin, F. M., chief, . . .	\$913 00
Caswell, Wm. A., . . .	900 75
Drown, Osborne E., . . .	905 75
Fogg, Charles F. W., . . .	890 75
Fuller, Geo. E., . . .	519 30
Rand, Redford M., . . .	889 75
Smith, Jerome T., . . .	884 75
Allen, Gustavus F., . . .	278 25
Brigham, Arthur L., . . .	129 50
Davis, John W., . . .	48 75
Pineo, Allston H., . . .	66 50
Brown, Harry, . . .	54 75
Lord, Joseph D., . . .	6 00
Cheissing, G. A., . . .	6 00
Davidson, James, . . .	3 00
Lynde, A. W. . . .	5 00
	\$6,501 80

Miscellaneous.

Anderson, J. H. L., carriage hire, . .	\$1 50
Bartlett, Geo., carriage hire, . .	148 50
Boardman & Co., W. W., carriage hire, .	4 00
Brock Bros., hose, gas-pipe fittings, and labor—lock-up, . . .	36 32
Dulong, J. J., carriage hire, . . .	1 25
Dunton & Potter, printing, . . .	20 25
Edwards, Jos., stock and labor, . .	12 40
Evans & Co., D., uniform buttons, .	7 30
Frost & Hawes, crackers and coffee, .	4 19

Amounts carried forward, . . . \$6,737 71 \$6,992 63

<i>Amounts brought forward,</i>	.	.	\$6,737 71	\$6,992 63
Fuller, G. E., meals for prisoners,	.	.	23 00	
Ireland, Thos., cleaning clock,	.	.	1 50	
Keating, W. E., carriage hire,	.	.	2 50	
King, G. F. & Merrill, books,	.	.	11 35	
Larrabee & Stearns, chloroform,	.	.	50	
Lovell Arms Co., John P., clubs and cuffs,	.	.	6 56	
McCullough, J. J., one shade,	.	.	1 25	
McLaughlin, F. M., expenses conveying prisoners,	.	.	36 46	
New England Telephone Co., telephone			92 51	
Perry, H. J., hardware,	.	.	2 45	
Reilly, L. L., badges,	.	.	6 00	
Samuel & Son, G. W., mattresses,	.	.	7 60	
Stevens, H., expressage,	.	.	2 05	
Sypher, J. V., carriage hire,	.	.	50	
Tyzzar, F. H., painting wagon,	.	.	12 00	
Wilkinson & Co., A., brass knobs,	.	.	84	
Winship, H. A., police belts,	.	.	4 50	
Wyman, H. A., desk and chair,	.	.	18 00	6,967 28
Balance,	.	.		25 35

SUPPORT OF POOR.

Balance, 1892,	.	.	.	.	\$188 31	
Appropriation,	.	.	.	.	6,000 00	\$6,188 31

RECEIPTS.

Boston, City of,	.	.	.	.	\$192 65	
Lynn, " "	.	.	.	.	4 00	

Amounts carried forward . . \$196 65 \$6,188 31

<i>Amounts brought forward,</i>	.	.	\$196 65	\$6,188 31
Malden, "	.	.	144 67	
Danvers, Town of,	.	.	25 25	
Middleton, "	.	.	299 00	
Stoneham, "	.	.	39 13	
Wenham, "	.	.	372 30	
Estate of Mrs. Crocker,	.	.	297 13	
" Peter Edgerly,	.	.	169 46	1,543 59
				\$7,731 90

EXPENDED.

Board and Clothing.

Barron, E. J., 12 months,	.	.	\$156 00	
Bridgham, E. C., boots and shoes,	.	.	25 20	
Callahan, J., two weeks,	.	.	6 00	
Clarke, Mrs. Mary, 25 weeks 6 days,	.	.	77 59	
Dadman, Mrs. Marshall, one year,	.	.	169 46	
Farrar, S. D., clothing,	.	.	34 30	
Fields & Co., H. G., boots, shoes and repairing,	.	.	26 10	
Harkins, Mrs. L. B., one year,	.	.	169 46	
Hawkins, Annie, one year,	.	.	156 00	
Houghton, F. G., sundries,	.	.	7 10	
Massachusetts School for Feeble-mind- ed, board and clothing,	.	.	44 82	
Newhall, Geo., boots and shoes,	.	.	148 05	
Waitt, G. M., one year,	.	.	114 00	
Westgate & Son, G. L., clothing,	.	.	17 42	
				\$1,151 50
<i>Amount carried forward,</i>	.	.		\$7,731 90

Amount brought forward, . . . \$7,731 90

Fuel.

Benson, & Co., S. E., coal and wood,	. \$172 58
Goss, C. B. & F. H., " "	. 225 30
Knollin, Wm., " "	. 20 45
Marshall, J., " "	. 27 00
	\$445 33

Groceries, Provisions, &c.

Bugbee & Barrett,	 \$219 19
Caswell, Mrs.,	 5 92
Dill, Jesse A.,	 39 40
Eldridge, S. O.,	 61 79
Flanders, C. H.,	 4 41
Forbes, G. E.,	 111 25
Frost & Hawes	 78 77
Hancock, C. F.,	 18 00
Holbrook & Norton,	 362 00
Hovey & Co., H. N.,	 92 64
Israel, F. S.,	 22 42
Keen, A. M.,	 50 85
Keith & Batchelder,	 3 00
Maxwell & Co., R. F.,	 48 96
Ryder, T. J.,	 624 53
Sanborn, F. E.,	 33 00
Smith, A. M.,	 12 68
White, G. R.,	 13 72
Worthen, A. G.,	 12 67
	\$1,815 20

Medical Attendance, Medicine, &c.

Amadon, A. F., M. D.,	. . . \$10 00
Cross, H. M. & L. W., medicines,	. . . 9 70

Amounts carried forward, . . . \$19 70 \$7,731 90

<i>Amounts brought forward,</i>	.	.	\$19 70	\$7,731 90
Jack, E. S., M. D.,	.	.	48 50	
Jones, L. C., M. D.,	.	.	2 00	
Larrabee & Stearns, medicines,	.	.	60 45	
Malden hospital,	.	.	57 15	
Methuen, town of, medicines,	.	.	5 95	
Peaslee, B. D., M. D.,	.	.	6 50	
			\$200 25	

Outside Relief.

Boston, city of,	.	.	173 00	
Brockton, city of,	.	.	194 24	
Cambridge, city of,	.	.	12 48	
Everett, city of,	.	.	23 30	
Lynn, city of,	.	.	27 50	
Medford, city of,	.	.	23 35	
Newton, city of,	.	.	31 00	
Salem, city of,	.	.	1 80	
Somerville, city of,	.	.	26 74	
Danvers, town of,	.	.	59 00	
			\$572 41	

Rents.

Ballou, Mrs. A. M.,	.	.	12 00	
Cobb, John W.,	.	.	48 00	
Deering & Co., J. P.,	.	.	39 00	
Hubbard, C. A. L.,	.	.	20 00	
Larrabee, Chas. A.,	.	.	122 63	
Leonard, H. A.,	.	.	108 00	
Libby, R. H.,	.	.	90 00	
Locke, Simeon,	.	.	177 50	
Madden, Patrick,	.	.	36 00	
Murphy, P.,	.	.	96 00	

Amounts carried forward, . . \$749 13 . \$7,731 90

EXPENSES OF THE TOWN.

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<i>Amounts brought forward,</i>	\$749 13	\$7,731 90
Pierce & Co., C. F.,	90 00	
Scully, J. T.,	94 28	
Selee, N. P.,	39 00	
Upham, Mrs. B. R.,	46 50	
Whittier, E. L.,	82 00	
	\$1,100 91	

Support of Insane.

Commonwealth of Mass.,	\$108 18	
Danvers Lunatic Hospital,	1,713 19	
Worcester Lunatic hospital,	169 46	
	\$1,990 83	

Miscellaneous.

American Express, expressage,	\$ 75	
Boardman & Co., W. W., carriage hire,	1 50	
Brock Bros., repairing,	2 85	
Gately, J. H., cash paid for grave,	4 00	
Phipps, W. F., lodging and meals	1 00	
Pierce & Son., A. B., undertaker's services,	110 00	
	\$120 10	

Recapitulation.

Board and clothing,	\$1,151 50	
Fuel,	445 33	
Groceries, provisions, &c.,	1,815 20	
Medical attendance, medicine, &c.,	200 25	
Outside relief,	572 41	
Insane,	1,990 83	
Rents,	1,100 91	
Miscellaneous,	120 10	
	\$7,396 53	
Balance,	\$335 37	
Amount of approved bills unpaid,	829 73	
Amount due from cities and towns,	485 04	

PUBLIC LIBRARY.

Received from County Treasurer, dog

tax for 1892, \$1,046 22

Appropriations, 1,200 00 \$2,246 22

EXPENDED.

American Library Association, books, \$5 00

Balch Bros., books, 8 00

Barnard, F. J., & Co., binders, . . 1 70

Brock Bros., repairs to water pipes, . 3 42

Cahill, Edward P., repairs to ceiling, . 20 00

Clarke, W. B., & Co., books, . . 18 08

DeWolfe, Fiske & Co., books, . . 477 93

Dowe, Wm. D., books, 2 98

Dunton & Potter, printing reports and

blanks, 17 50

Estes & Lauriat, books, 11 66

Fuller, Geo. E., care of rooms, . . 99 16

Gibbons, Miss Rosa, salary one year . 125 00

Grant, F. E., book, 50

Home Market Club, Bulletin, . . 50

Hudson, A. S., book, 2 00

King, G. F. & Merrill, sundries, . . 7 90

Lappen Bros., baskets, 2 74

Lawrence, Wilde & Co., umbrella stand, 11 00

Libby, Horatio S., book, 6 00

Library Bureau, steps and binders, . 8 60

Littlefield Directory Pub. Co., directory, 1 00

Macmillan & Co., directory, . . . 2 93

Massachusetts Historical Society, book, 3 00

Melrose Journal, printing, 30 00

Morrison, L. A., book, 1 50

Morss, William, alcoves and sundries, 240 30

National Binder Co., binder, . . 1 50

Amounts carried forward, . \$1,109 90 \$2,246 22

<i>Amounts brought forward,</i>	\$1,109 90	\$2,246 22
Oliver, Saml. F., gas pipe and fixtures,	15 24	
Paige, J. C., insurance,	60 00	
Patch, Chas. A., sundries,	11 75	
“ “ Treas., on account of catalogues,	150 00	
Publishers Weekly Index,	3 66	
Roffe, A. H., books,	1 45	
Rowell, M. F., “	12 25	
Russell, B. B., “	3 50	
Stevens, Harry, expressage,	30 33	
Scribner's, Chas. Sons, book,	1 00	
Upham, H. B., repairing door springs,	2 00	
Vaughn, Winthrop, card pockets,	1 75	
Westgate & Johnson, insurance,	75 00	
Wilder & Co., L. B., sundry printing and binding of books,	218 39	
Worthen, Miss C. M., one year's salary,	550 00	<u>\$2,246 22</u>

SALARIES TOWN OFFICERS.

Balance, 1892,	\$81 78	
Appropriation,	5,297 86	\$5,379 64

EXPENDED.

Leonard, Henry A., assessor, 1893,	\$250 00
Pratt, Dexter, assessor, 1893,	250 00
Stantial, Geo. C., assessor, 1893,	250 00
“ “ clerical services, 1893,	250 00
Gould, Edwin C., auditor, 1893,	300 00
Dike, John, M. D., board of health, 1893,	50 00
Sanborn, John E., M. D., “ “	50 00
Washburn, Frank L., “ “	50 00
Larrabee, John, town clerk, 1893,	300 00

Amounts carried forward, . \$1,750 00 \$5,379 64

<i>Amounts brought forward,</i>	.	\$1,750 00	\$5,379 64
Lane, Addison, collector, 1890,		2 29	
“ “ “ 1891,		129 98	
“ “ “ 1892,		567 25	
“ “ “ 1893,		569 98	
Barron, Henry, forest fire ward, 2 years,			
1892-93,		30 00	
Locke, Calvin, forest fire ward, 2 years,			
1892-93,		30 00	
Marshall, James, forest fire ward, 2 years,			
1892-93,		30 00	
Pratt, Dexter, forest fire ward, 2 years,			
1892-93,		30 00	
Worthen, Chase C., forest fire ward, 2			
years, 1892-93,		30 00	
Pratt, Dexter, inspector of buildings, 2			
years, 1892-93,		200 00	
Fields, Henry G., overseer of poor, '93,		200 00	
Bale, Mrs. M. B., overseer of poor, '93,		50 00	
Buttrick, Sidney H., selectman, 1893,		200 00	
Cook, Chas. W., “ “		200 00	
Moore, Eugene H., “ “		200 00	
Norton, Daniel, “ “		200 00	
Waterhouse, Wm. A., “ “		200 00	
Newhall, George, treasurer, 1893,	.	500 00	
Babb, Walter, registrar of voters, 1893,		50 00	
Hocking, Alfred, “ “ “ “		50 00	
Kirmes, Victor C., “ “ “ “		50 00	
Larrabee, John, “ “ “ “		75 00	5,344 50
Balance,			\$35 14

SCHOOL BUILDINGS.

Vinton Street School Building Extension.

EXPENDED.

Reported in 1892,	\$9,023 60
Clough, Geo. A., architect's services, .	\$498 00
Boston Terra Cotta Co., terra cotta tablet,	150 00
Connery & Wentworth, labor setting terra cotta tablet,	51 22
Franklin, A. B., on account contract for steam heating,	1,554 61
MacDonald, Angus, on account con- tract,	7,224 99
Smead Warming & Ventaliting Co., on account of contract,	362 50
	9,841 32
	\$18,864 92
Treasurer authorized to borrow, .	\$18,750 00
Cash received premium on loan, .	125 00
	\$18,875 00

Warren Street School Building.

EXPENDED.

Reported in 1892,	\$10,954 65
Barstow Stove Co., furnaces,	225 00
Bowditch & Dow, architect's services, .	83 00
MacDonald, Angus, on account con- tract,	4,131 36
Smead Warming & Ventilating Co., sani- tary apparatus,	475 00
Snow, Joel, services as supt., and blue prints,	223 50
	5,137 86
	\$16,092 51
Treasurer authorized to borrow, 1892, .	\$16,000 00
Appropriation, 1893,	92 51
	\$16,092 51

SUPPORT OF SCHOOLS.

Balance, 1892,	.	.	.	.	.	\$326 40
Appropriation,	.	.	.	.	.43,300 00	\$43,626 40

RECEIPTS.

Cash, J. H. Holbrook, refunded,	.	.				\$3 86
“ Insurance Co.’s damage by fire to						
Centre school building,	.	.	.			87 87
A. H. Pendleton, account tuition,	.					50 00
Mrs. A. M. Warren, “	“					50 00
Wakefield, Town of “	“	.				30 00
					221 73	
						\$43,848 13

EXPENDED.

Teachers’ Salaries.

Whitman, Alonzo G.	.	.	.	.	.	\$1,714 28
Reed, Frederick	.	.	.	.	.	285 72
Small, F. H.	.	.	.	.	.	1,000 00
Ballou, A. A.	.	.	.	.	.	800 00
Ricker, Hattie G.	.	.	.	.	.	650 00
Mansfield, Clarimond	.	.	.	.	.	650 00
Fairbanks, Harriet C.	.	.	.	.	.	1,000 00
Sweetser, Effie C.	.	.	.	.	.	700 00
Bisbee, Lucy W.	.	.	.	.	.	600 00
Swett, Alice M.	.	.	.	.	.	780 00
Mendum, Lydia	.	.	.	.	.	700 00
Melcher, Susan D.	.	.	.	.	.	550 00
Barrett, Helen J.	.	.	.	.	.	600 00
George, Mary J.	.	.	.	.	.	650 00
Young, Janet	.	.	.	.	.	550 00
Mitchell, Belle	.	.	.	.	.	550 00
Davis, Lillie J.	.	.	.	.	.	550 00
Guptill, Alma J.	.	.	.	.	.	550 00
Amounts carried forward,	.	.				\$12,880 00
						\$43,848 13

<i>Amounts brought forward,</i>	.	\$12,880 00	\$43,848 13
Long, Alice H.,		550 00	
Smith, Annie, G.,		535 00	
Atwood, Isabelle L.,		550 00	
Weeks, Emma A.,		510 00	
Dermot, Lucy F.,		550 00	
Chapin, Isabel,		550 00	
Trowbridge, Amelia F.,		485 00	
Nye, Mary E.,		510 00	
Crosby, Delia H.,		550 00	
Field, Hattie D.,		460 00	
Ransom, Hattie D.,		550 00	
Chadbourne, Annie B.,		550 00	
Plummer, Mary A.,		510 00	
Call, Etta J.,		510 00	
Ellis, Florence,		550 00	
Crane, Eva R.,		525 00	
Dempsey, Nellie C.,		485 00	
McCormick, A. Louise,		535 00	
Davies, Esther M.,		535 00	
White, Florence H.,		270 00	
Coggeshall, M. J.,		200 00	
Snow, Minnie F. C.,		435 00	
Coyle, Cecilia,		435 00	
Tucker, Annie E.,		467 50	
Tupper, Mary E.,		435 00	
Frost, Louise,		510 00	
Lawrence, Bertha M.,		410 00	
Taylor, Hattie C.,		240 00	
Heath, R.,		247 50	
Libbey, Inez H.,		166 50	
		\$26,696 50	
<i>Amount carried forward,</i>	.	.	\$43,848 13

Amount brought forward, . . . \$43,848 13

Special Teachers.

Carter, Willis S.,	600 00
Drake, Grant,	680 00
	\$1,280 00

Evening Schools.

Owens, O. O.,	\$24 00
Weeks, Isaac C., janitor,	9 00
	\$33 00

Janitors' Salaries.

Weeks, Isaac C.,	\$655 87
Boutwell, George W.,	670 87
Fuller, Charles H.,	300 00
Massey, John,	65 01
Hitchins, John,	195 03
Upham, Eri,	200 04
Emerson, Joseph,	75 06
Ray, Thomas,	25 02
Molyneux, Edward H.,	60 00
Boyd, William,	27 92
Bemis, Frank,	60 00
Holden, William,	95 74
Chandler, Frank M.,	4 81
	\$2,435 37

School Superintendents.

Channell, Guy C., 7 months,	\$1,166 69
Robinson, B. F., 5 months,	833 35
	\$2,000 04

Advertising and Printing.

Babb & Stephens,	\$13 00
Dunton & Potter,	73 00
Mandell & Co., H. C.,	1 50
Melrose Journal,	12 00
	\$99 50

Amount carried forward, \$43,848 13

Amount brought forward, . . . \$43,848 13

Fuel and Gas.

Benson & Co., S. E., coal and wood, . .	\$391 98
Goss, C. B. & F. H., coal and wood, . .	634 90
Malden & Melrose Gas Co., gas, . . .	77 54
McCarthy's Sons, J., charcoal, . . .	39 75
Turner, W. P., wood,	74 70
	\$1,218 87

Furniture and Desks.

Boston & Maine R. R., freight, . . .	\$2 39
Leonard & Co., desk,	4 38
McCullough, J. J., chairs,	23 25
Nashua Iron & Brass Foundry, desks and chairs,	76 08
Perry & Co., G. S., desks and chairs, . .	291 28
Whitcomb, A. G., " "	142 23
Winchester Furniture Co., desks and chairs,	97 00
	\$636 61

Miscellaneous Bills.

Albany Venetian Blind Co.,	\$74 20
Allen & Lotts, letter boxes,	3 00
American Express Co., expressage, . .	13 45
Barker, E. Gerry, moulding,	3 00
Barnes, H. K., belt and couplings, . .	3 42
Barstow Stove Co., furnaces,	862 25
Bartlett, G. W., carriage hire,	7 50
Bemis, F. N., grading Main street school grounds and teaming,	70 75
Boardman & Co., W. W., horse hire, . .	47 25
Boutwell Geo. W., cleaning school house,	21 70

Amounts carried forward, . . . \$1,106 52 \$43,848⁷⁵13

<i>Amounts brought forward,</i>	\$1,106 52	\$43,848 13
Boyce, W. J., services,	7 70	
Brock Bros., stock and labor,	74 03	
Burlen, R., binding books,	26 05	
Burrell & Swett, hardware, &c.,	35 10	
Coughlan & Co., F. G., tablet,	73 00	
Dill, J. A., lunches, teachers,	87 50	
Freeman, L. T., moving furniture,	17 50	
Frost & Hawes, sundries,	15 55	
Fuller, G. E., building stage, town hall,	12 00	
Gilbride & Grey, lawn grass seed,	4 20	
Gould & Cook, repairing pencil sharpener,	3 25	
Harn & Co., L. M., irons for flag staff,	50 00	
Hicks, W., pedestal and painting,	8 00	
Hitchins J., labor,	7 64	
Hoffman, C. L., cleaning vaults,	5 50	
Holbrook & Norton, oil and chimneys,	1 35	
Houghton, F. G., ribbons,	5 81	
Hurd & Balfour, ribbons and bunting,	8 40	
Ireland, T., cleaning clocks,	4 00	
Jordan & Christie, dusters,	6 00	
Jordan, Marsh & Co., step ladders,	1 20	
Keating, W. E., carriage hire,	18 50	
Kerwin & Co., T., stone, cement and labor,	22 75	
Larrabee & Stearns, telephoning and sundries,	2 15	
Lapham, O. F., labor,	5 00	
Litchfield, E. A., repairing clock,	50	
Malden, City of, tuition,	360 00	
McCoubry, T., slice bar,	1 50	
MacDonald, A., stock and labor,	93 31	
Marsten & Wells, flags and badges,	7 00	
Melrose Cadet Band, services,	75 00	
<i>Amounts carried forward,</i>	\$2,146 01	\$43,848 13

<i>Amounts brought forward,</i>	\$2,146 01	\$43,848 13
Melrose Drum Corps, services,	26 00	
Melrose Wall Paper Co., repairing map,	1 00	
Melrose, Town of, sidewalk dept., concrete,	39 70	
Miller & Sons, H. H., use of piano,	11 00	
Nelson, J. E., plants,	5 00	
Newhall, G., boxes,	2 40	
Nickerson's Express, expressage,	1 50	
Nye, E. B., tuning piano,	2 00	
Oliver, C. M., services,	1 00	
Parker, J. H., use of wagon and floats,	25 00	
Perry, H. J., hardware,	74 76	
Philpot, R., cleaning cesspools, removing ashes, etc.,	121 54	
Pratt's Son, D., three clocks,	19 50	
Pratt, F. A., teaming,	2 00	
Raymond, G. P., liberty caps,	10 00	
Reed, H., snow shovel,	50	
Reed, G. P., four clocks,	32 00	
“ “ cleaning and repairing clocks,	6 00	
Robinson, B. F., postage and incidentals,	23 57	
Singer, Jr., J., broom and shovel,	1 05	
Small, Sam'l, stock and labor,	19 07	
Stevens, H., expressage,	68 44	
Stevens, W. C., surveying,	4 00	
Stone, H. W., making diplomas,	18 75	
Talbot, G. D., building fence,	27 75	
Trask & Co., H. D., cleaning furnace pipes,	46 00	
Tyzzar, F. H., painting signs,	3 00	
West, S. E., picture,	3 00	
Whittier, E. L., removing ashes,	7 00	
Wilkinson & Co., A. J., wire,	31	
Woburn, City of, use of floats,	100 00	
	\$2,848 85	
<i>Amount carried forward,</i>		\$43,848 13

Amount brought forward, \$43,848 13

Repairs.

Barstow Stove Co., grates and labor, .	\$31 25
Brewer, A. H., repairing chair, . .	1 00
Brock Bros., stock and labor, . .	125 50
Burnett & Co., A. J., stock and labor, .	26 48
Burrell, A., setting glass, . . .	2 00
Dean, F. H., slating blackboards .	127 92
Deering & Co., J. P., lumber, . .	96 81
Dew, Geo., stock and labor, . . .	92 00
Franklin, A. R., " . .	137 17
Gibson & Son, R. M., painting and var-	
nishing,	103 50
Holbrook, J. L., stock and labor, .	24 81
Lancaster & Son, J. J., labor, mason, .	10 02
Lane Bros., stock and labor, mason, .	46 35
Lear, Saml., " carpenter, .	22 27
MacDonald, A., " " .	10 70
McCoubry, T., stock and labor, black-	
smithing,	7 62
Parker, A. W., painting and varnishing, .	5 00
Parker & Sons, C. S., repairing roof, .	55 91
Patterson, J. H., stock and labor, mason	25 54
Rendall, J., stock and labor, carpenter, .	12 52
Smith, A. D., " mason, .	22 75
Smith, G. H., labor, mason, . . .	11 00
Upham, A. E., stock and labor, carpenter	200 39
Valler, S., labor, carpenter, . . .	41 48
Woodward, D. R., stock and labor, car-	
penter,	137 48
Weeks, I. C., stock and labor, carpenter, .	62 86

\$1,440 29

Amount carried forward, \$43,848 13

Amount brought forward, \$43,848 13

Supplies, Books, Stationery, etc.

Allyn & Bacon, books,	\$4 50
American Book Co., books,	116 67
Babb & Co., E. E., books,	459 11
Boston Supply Co., books,	455 36
Burlen, R., re-binding books,	13 45
Caproni & Bro., P. P., clay,	5 37
Carter, Carter & Kilham, sponges,	4 50
Cutler Bros., & Co., chemicals,	31 90
Daniels & Son, J. H., diplomas,	41 75
Ditson Co., Oliver, music,	19 10
Eastern Educational Bureau, books,	12 50
Educational Publishing Co., books,	8 64
Franklin Educational Co., books,	331 04
Frost & Adams, sundries,	42 08
Ginn & Co., books,	314 85
Greenough, Adams & Cushing, paper,	2 75
Hammett, G., sundries,	608 77
Heath & Co., D. C., books,	70 18
Houghton, Mifflin & Co., books,	20 40
King, G. F., & Merrill, sundries,	519 45
Lothrop Co., D., books,	15 45
Leach, Shewell & Sanborn, books,	30 96
Lee & Shepard, books,	282 66
Maynard, Merrill & Co., books,	51 63
Mills & Thompson, music,	3 38
Perry & Co., G. S., sundries,	197 29
Porter & Coates, books	126 40
Prang Educational Co., sundries,	50 76
Pulsifer, Jordan & Co., paper,	147 18
Schoenhof, C., books,	17 10

Amounts carried forward, . . . \$4,005 18 \$43,848 13

<i>Amounts brought forward,</i>	.	.	.	\$4,005 18	\$43,848 13
Scribner's Sons, Charles, book,	.	.	.	1 32	
Sherwood & Co., G., book,	.	.	.	50	
Silver, Burdett & Co., sundries,	.	.	.	310 04	
Storrs, A., Bement Co., paper,	.	.	.	3 00	
Thompson, Brown & Co., sundries,	.	.	.	41 92	
Thorp & Martin Mfg. Co.,	"	.	.	2 40	
University Publishing Co., books,	.	.	.	125 10	
Wadsworth, Howland & Co., sundries,	.	.	.	12 49	
Ware & Co., Wm., books,	.	.	.	28 00	
Whitall, Tatum & Co., sundries,	.	.	.	7 57	
Wilkinson & Co., A. J.,	"	.	.	2 60	
Woburn, City of, covers,	.	.	.	6 00	
				\$4,546 12	

RECAPITULATION,

Teachers' salaries,	.	.	.	\$26,696 50	
" " special,	.	.	.	1,280 00	
" " evening schools,	.	.	.	33 00	
Janitors,	.	.	.	2,435 37	
Superintendents' salary,	.	.	.	2,000 04	
Advertising and printing,	.	.	.	99 50	
Fuel and gas,	.	.	.	1,218 87	
Furniture, desks, etc.,	.	.	.	636 61	
Miscellaneous bills,	.	.	.	2,848 85	
Repairs,	.	.	.	1,440 29	
Supplies,	.	.	.	4,546 12	\$43,235 15
Balance,	.	.	.		\$612 98

SEWERAGE.

Stevens, W. C., surveys, plans, estimates, etc., for sewer system, . \$994 00
 Treasurer authorized to borrow \$1,500.

SIDEWALKS—CONCRETE.

Balance, 1892,	.	.	.	.	.	\$525 61
Appropriation,	.	.	.	.	.	2,500 00
Cash received for concrete laid in 1890,					\$30 85	
"	"	"	1891,		72 45	
"	"	"	1892,		177 85	
"	"	"	1893,	1,061 35		1,342 50
						\$4,368 11

EXPENDED.

Bugbee & Barrett, one-half expense, 20 yards, laid in 1892,	.	.	.	.	6 00
Carter Bros., cash paid for 29½ yards, and 10 yds. top dressing, repairing 1892,	.	.	.	.	20 20
Cochrane, M. G., cash paid for 23.9 yds. repairing in 1892,	.	.	.	.	14 34
Dill, Jesse A., one-half expense 64 yds. laid in 1892,	.	.	.	.	19 20
Houghton, Mrs. S. S., cash paid for 142.22 yds. top dressing, in 1892,	.	.	.	.	42 67

Amounts carried forward, . . \$102 41 \$4,368 11

<i>Amounts brought forward,</i>	\$102 41	\$4,368 11
Messenger, F. A., one-half expense 115 yds. laid in 1888,	34 59	
Messenger, F. A., 61.25 yds. laid in 1891,	36 75	
Messenger, F. A., cash paid for gravel and labor, two men and horse in 1891,	12 50	
Taylor, Emery, one-half expense, 95 yds. laid in 1893,	28 50	
Ellison C. W., postage stamps,	4 00	
Gould, Edwin C., clerical services under direction of selectmen,	15 00	
Melrose Journal, advertising proposals,	1 00	
Stevens, Walter C., surveying,	122 00	
Hoffman, C. L., 2,499.93 yds. at 60 cts.,	1,486 86	
“ “ 424.32 yds. repairing at 60 cts.,	246 24	
Hoffman, C. L., sundries repairs,	7 00	
“ “ 508.76 yds. top dressing at 25 cts.,	127 42	
Philpot, Robert, 2,733.95 yds. at 60 cts.,	1,640 37	
“ 464.5 yds. repairing at 60 cts.,	278 70	
Philpot, Robert, 279.7 yds. top dressing at 25 cts.,	69 92	
		\$4,213 26
Balance,		\$154 85
New walks laid, one-half to be paid by abutters, 5,233.81 yds.,		\$3,127 23
New walks laid by abutters, one-half paid by town, 294 yds.,		88 29
Repairing 1,003.47 yds., paid by town,		603 23
Top dressing 930.68 yds.,		240 01
Amount due from abutters, laid in 1889,	\$35 79	
“ “ “ 1890,	31 96	
“ “ “ 1891,	148 77	
“ “ “ 1892,	157 02	
“ “ “ 1893,	465 82	
		\$839 35

SOLDIERS' LOTS, WYOMING CEMETERY.

Balance, 1892,	.	.	.	.	.	\$166 73
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EXPENDED.

Wyoming cemetery, care of lots,	.	.	\$9 00	
Kelly, Michael, three cords manure,	.		15 00	
				\$24 00

Balance,	.	.	.	.	.	\$142 73
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SOLDIERS' RELIEF.

Balance, 1892,	.	.	.	.	.	\$35 32
Appropriation,	.	.	.	.	.	650 00
Commonwealth of Massachusetts, burial						
of soldier,	.	.	.	.	.	17 50
						\$702 82

EXPENDED.

Ames, Benj., rents,	.	.	.	.	\$132 00
Benson & Co., S. E., coal,	.	.	.	.	41 37
Beverly, Town of, rent and groceries,	.				62 89
Boyd, Wm., cash allowance,	.	.			15 00
Barker, Geo. U., groceries,	.	.	.		20 00
Eldridge, S. O.,	"	.	.	.	70 00
Frost & Hawes,	"	.	.	.	5 00
Gibbs, Benj. F., cash allowance,	.	.			95 00
Goss, C. B. & F. H., coal,	.	.	.		22 00
Hancock, C. F., groceries,	.	.	.		5 00
Heaton, Anastasia, cash allowance,	.				10 00
Keen, A. E., groceries,	.	.	.		5 07
Marshall, J., coal and wood,	.	.	.		6 50
Mitchell, Moses P., cash allowance,	.				176 00
Newhall, Geo., shoes,	.	.	.		11 85
Prescott, A. F., cash allowance,	.	.			20 00
<i>Amounts carried forward,</i>	.	.			\$697 68
					\$702 82

<i>Amounts brought forward,</i>	.	.	\$697 68	\$702 82
Shapleigh & Hocking, groceries,	.	.	10 00	
Tibbetts, G. F., groceries,	.	.	5 00	
Tucker, F. J., cash allowance,	.	.	30 00	
Wells, W. H., groceries,	.	.	5 00	
			\$747 68	
Expenditures exceed appropriation,				\$44 86

SPOT POND IMPROVEMENT.

(Malden, Medford and Melrose Water Bonds.)

Transferred from Water Fund,	.	.	\$20,000 00
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EXPENDED,

As per report of 1892,	.	.	.	\$16,083 54	
Churchill, Chas. F. and Annie M., land,				615 00	
Hayes, B. F., services, and expenses					
examining titles and making deeds,				633 55	
Malden, City of, one-third part of land					
purchased of Arthur S. McGeoch,				2,166 67	
Wellman, Arthur H., professional ser-					
vices from Oct. 1, 1891, to July 15,					
1893, in regard to Spot Pond land					
matters,	.	.	.	.	.
				250 00	19,748 76
Balance,	.	.	.	.	\$251 24

STATE AID.

Paid disabled soldiers and dependent relatives during year of 1893.

Refunded by the State, Dec. 1894.

Anderson, Mary A.,	\$20 00
Babcock, George W.,	27 00
Baldwin, Mary C.,	48 00
Barrett, Sarah,	48 00
Boyd, William,	15 00
Bryant, Lydia J.,	48 00
Burnham, Paschal E.,	96 00
Chandler, Abby A.,	48 00
Doherty, Daniel,	60 00
Double, Elizabeth A.,	48 00
Drake, Alvin,	60 00
Emerson, James G.,	48 00
Everson, Sarah J.,	24 00
Foster, Elmira A.,	48 00
French, Rebecca H.,	48 00
Gibbs, Benj. F.,	48 00
Grover, George W.,	48 00
Guild, John H.,	24 00
Hare, Andrew,	48 00
Heaton, Anastasia,	48 00
Hollis, Millissa,	48 00
Hood, Wendall P.,	48 00
Hubbard, Geo. T.,	6 00
Irwin, William F.,	72 00
Johnson, Jennie B.,	48 00
Lovett, Jane,	14 00
McLaughlin, Mary,	48 00
McMahan, Winnifred,	24 00
Mitchell, Mercy P.,	48 00

Amount carried forward, \$1,258 00

<i>Amount brought forward,</i>		\$1,258 00	
Pixley, Andrew,	.	24 00	
Poole, Helen E.,	.	48 00	
Rowell, Hannah,	.	48 00	
Rowell, Stephen P.,	.	48 00	
Spear, Ephriam W.,	.	36 00	
Story, Hannah,	.	48 00	
Swett, Cyrus E.,	.	48 00	
Terry, Mary,	.	48 00	
Toothacker, James S.,	.	18 00	
Tucker, Helen E.,	.	48 00	
Warren, Ephriam L.,	.	15 00	
Weeks, Luzon,	.	24 00	
Woodward, Freeman,	.	32 00	
Woodward, Jane E.,	.	48 00	
York, Benj. F.,	.	48 00	
York, Josiah R.,	.	24 00	
York, William B.,	.	48 00	\$1,911 00

STREET LIGHTS.

Balance, 1892,	.	\$679 34	
Appropriation,	.	7,300 00	
Cash received for old lamp,	.	50	\$7,979 84

EXPENDED.

Cassell, Thos., lighting lamp, Park st.,		\$5 60	
Hogan, F. S., " " "		5 60	
McCarthy, Dan'l, " " "		2 80	
Malden Electric Lt. Co., street lighting,			
as per contract, 12 months,	.	7,638 66	
Labor men as per pay-roll, renewing			
lamp-posts,	.	26 25	7,678 91
Balance,	.		\$300 93

STREET SIGNS.

Balance, 1892,	.	.	.	.	.	\$10 34	
Appropriation, 1893,	.	.	.	.	.	100 00	\$110 34

EXPENDED.

Parker, Albon W., making and painting							
38 signs,	.	.	.	.	.		47 60
Balance,	.	.	.	.	.		<u>\$62 74</u>

COUNTY, STATE AND SEWER TAXES.

Treasurer, county tax of 1893,	.					\$6,716 22	
" state "	.					8,225 00	
" " Metropolitan Sewer,							
Loan Sinking Fund,	.	.	.	.		646 75	
Treasurer, State Metropolitan Sewer,							
interest,	.	.	.	.	.	\$1,002 39	\$16,590 36

TOWN HALL.

Balance, 1892,	.	.	.	.	.		\$168 56
Appropriation,	.	.	.	.	.		<u>675 00</u>
							\$843 56

RECEIPTS.

Auxiliary, Y. M. C. A., use of hall,	.					\$60 00	
Burnett, A. J.,	"	.	.	.	.	30 00	
Dem. State Committee,	"	.	.	.	.	25 00	
Harvard Glee Club,	"	.	.	.	.	20 00	
Lothrop, C. L.,	"	.	.	.	.	15 00	
Magic Entertainment,	"	.	.	.	.	10 00	
Melrose Athletic Club,	"	.	.	.	.	37 56	
Melrose Amphion "	"	.	.	.	.	50 00	
Melrose Cadet Band,	"	.	.	.	.	75 00	
Melrose Democratic Town Committee,							
use of hall,	.	.	.	.	.	20 00	
<i>Amounts carried forward</i>	.	.	.	.	.	<u>\$342 50</u>	<u>\$843 56</u>

<i>Amounts brought forward,</i>	\$342 50	\$843 56
Melrose firemen, use of hall,	15 00	
" high school, "	44 86	
" letter carriers, "	30 00	
" lyceum, 1893-94, "	240 00	
" lyceum ushers, "	20 00	
" prohibition town committee,		
use of hall,	30 00	
" republican town committee,		
use of hall,	60 76	
" W. C. T. Union, use of hall,	10 00	
" co-operative bank, use of select-		
men's room,	9 00	
Melrose National Bank, rent one year,	150 00	
Prohibition convention use of hall,	20 00	
Royal Arcanum, "	25 00	
St. Mary's society, "	50 00	
Unitarian society, "	50 00	
Universalist society, "	30 00	
		\$1,127 12
		\$1,970 68

EXPENDED.

Fuel and Lights.

Benson & Co., S. E., coal,	\$139 50
Goss, C. B. & F. H., coal,	185 50
Malden & Melrose Gas Light Co., 491,-	
100 ft. gas, 15 mos.,	872 16
McCarty, John, charcoal,	4 80
	\$1,201 96

Miscellaneous Bills.

American Express, expressage,	\$ 20
Brock Bros., 100 ft. hose and coupling,	14 50
Bugbee & Barrett, sundries,	75
Deering & Co., J. P., lumber,	1 50
Dunton & Potter, printing town hall	
plans,	35 00
<i>Amounts carried forward,</i>	\$51 95
	\$1,970 68

<i>Amounts brought forward,</i>		\$51 95	\$1,970 68
Fuller, G. E., janitor, 1 year,		300 00	
Graydon, A. A., repairing chair,		75	
Ireland, Thos., cleaning clock,		1 50	
Jordan & Christie, brushes,		6 25	
Lynde, A. W., labor and material on cesspool,		15 00	
Massachusetts Gas Saving Co., 1 No. 50 light governor,		75 00	
McCullough, J. J., repairing piano pedal,		1 00	
Perry, H. J., hardware,		12 98	
Philpot, R., cleaning cesspool,		12 00	
Smith Bros., sharpening lawn mower,		3 00	
Stevens, H., moving piano and expressage,		11 50	
Tarbell, E. R. & E. H.,		2 40	
		\$493 33	

REPAIRS.

Burnett & Co., A. J., stock and labor,		\$44 83
Brock Bros., stock and labor,		12 09
Burrell, A., kalsomining ceiling,		30 00
Golden, M. P., repairing boiler,		10 00
Goodno, W. A., stock and labor,		11 62
Knapp & Co., G., 25 sets settee legs,		64 10
Parker, A. W., painting signs and setting glass,		16 10
Parker & Sons, C. S., repairing roof,		175 79
Upham, A. E., stock and labor,		1 24
Upham, H. B., stock and labor,		3 25
Woodward, D. R., stock and labor,		2 25
Yale & Co., R. M., repairing flag,		1 75
		\$373 02

Amount brought forward, . . . \$1,970 68

RECAPITULATION.

Fuel and lights,	\$1,201 96
Miscellaneous bills,	493 33
Repairs,	373 02
	\$2,068 31

Amount over paid, \$97.63, being for coal on hand Dec. 31.

Town use of Water for Public Purposes.

Appropriation, \$4,000 00

EXPENDED.

Water department bill, \$4,000 00

WATER FUND.

CR.

Received from E. H. Goss, water registrar, for water rates collected, 1893,	\$32,875 00
Received for 49 water bonds, sold,	49,000 00
Received for accrued interest,	106 69
	\$81,981 69
Less amount over paid, 1892,	3,308 89
	\$78,671 80

DR.

Water loan sinking fund, commissioners surplus, 1892,	\$3,886 90
Interest, coupons on water bonds,	7,600 00
Interest on note, Spot pond improvement,	696 00
Bills on account of construction and maintenance, etc.,	36,417 07
Transferred to experimental wells,	1,000 00
“ “ additional water supply,	3,500 00
“ “ Spot pond improvement, 20,000	73,099 97
Balance to the credit of account,	\$5,571 83

ADDITIONAL WATER SUPPLY.

(Whittier Wells.)

Transferred from water fund, . . .	\$3,500 00	
W. H. Gallison, cash, goods returned, . . .	2 06	\$3,502 06

EXPENDED.

American Steam Gauge Co., gauges, . . .	\$10 40	
Benson & Co., S. E., coal and wood, . . .	97 23	
“ “ “ cement, . . .	15 00	
Blake Mfg. Co., Geo. F., valves, . . .	1 04	
Boston Belting Co., packing, . . .	3 13	
Boston Consolidated Brick Co., . . .	20 00	
Boston Geer Works, geer, . . .	5 25	
Braman, Dow & Co., bushings, . . .	48	
Burrell & Swett, roofing paper, etc., . . .	8 38	
Chesterton & Co., A. W., packing, etc., . . .	18 69	
Deering & Co., J. P., lumber, . . .	75 31	
Deane Steam Pump Co., pump, . . .	95 00	
Emery & Co., W., windows, . . .	4 00	
Gallison, W. H., sundries, . . .	15 30	
Gibbons, J., labor, mason, . . .	25 37	
Goodno, W. A., stock and labor, . . .	14 92	
Jarvis Engineering Co., heater, . . .	41 25	
Johns Mfg. Co., H.W., asbestos covering, . . .	32 63	
Leonard & Ellis, oils, . . .	63 80	
Lovejoy, S. A., insurance on boiler, . . .	30 00	
Lucy, J. F., lamps and oil, . . .	5 10	
Ludlow Valve Mfg. Co., check valve, . . .	14 20	
Morton & Co., A. M., pipes and fittings, . . .	48 65	
Perry, H. J., hardware, . . .	15 01	

Amounts carried forward, . . . \$660 14 \$3,502 06

<i>Amounts brought forward,</i>	\$660 14	\$3,502 06
Pratt, R. W., rent of boiler and teaming,	152 40	
Smith, & Bro., B. F., connecting wells,		
as per contract,	824 09	
Smith & Bro., B. F., pipe, fittings, and		
labor,	41 26	
Swan & Sons, labor,	13 32	
Tate, Alfred, labor,	16 25	
Whittier, E. L., pipe, fittings, and labor,	9 89	
" " hose,	7 00	
Youlden, Lawler & Co., placing new		
boiler and taking out old one,	25 00	
Cash paid sundry laborers and engineer,		
as per Water Dept. pay-rolls,	918 89	
Stock used, transferred from Water		
Dept.	411 37	3,079 61
Balance,		<u>\$422 45</u>

EXPERIMENTAL WELLS.

Transferred from Water Fund, . . . \$1,000 00

EXPENDED.

As per report of 1892,	\$155 19
Blake Mfg. Co., G. F., hand lever,	2 00
Blake, Percy M., services,	25 00
Chesterton & Co., A. W., packing,	5 40
Churchill, J. F., services as engineer,	60 00
Gordon, C. S., labor,	36 00
Knowles Steam Pump Works, repair-	
ing pump and use of same,	69 00
Maston, J., labor,	13 00

Amounts carried forward, . . . \$365 59 \$1,000 00

<i>Amounts brought forward,</i>		\$365 59	\$1,000 00
McCoubry, T., stock and labor,		3 75	
Record, Boston, advertising,		7 75	
Smith & Bro., B. F., draining test-wells,		316 00	
“ “ conn't'g and pump-			
ing wells, as per contract,		150 00	
Tidd, M. M., on account of services as			
engineer,		149 93	
Water Department, sundries, pipes, fit-			
tings, etc.,		6 98	
			\$1,000 00

WYOMING CEMETERY.

RECEIPTS.

Sale of lots,		\$1,607 00	
For deeds in exchange for lots in old			
cemetery,		30 00	
Sale of single graves,		91 00	
Care of lots,		957 00	
Labor,		124 55	
Interments,		148 00	
Foundations and vaults,		396 48	
Dressing,		26 25	
Rent of Pratt farm,		191 00	
Interest on Trust Funds, 1892-93,		184 20	\$3,755 48

EXPENDED.

Bartlett, G. W., carriage,		1 00	
Casey, C., flowers,		24 00	
Deering & Co., J. P., planks,		1 94	
Dunton & Potter, printing,		7 00	

Amounts carried forward, \$33 94 \$3,755 48

<i>Amounts brought forward,</i>	.	.	\$33 94	\$3,755 48
Ellison, C. W., postage stamps,	.	.	22 00	
Elms, J. O., repairs at Pratt house,	,		8 75	
Frost & Hawes, boxes,	.	.	80	
Goss, C. B. & F. H., cement,	.	.	22 45	
Gould, Edwin C., services rendered from Jan., 1893, to Dec. 1893, compiling records of lots and interments and other clerical services, under direc- tions of committee,	.	.	307 80	
Larrabee, J., salary as committee,	.		25 00	
Library Bureau, card index case, with cards,	.	.	27 00	
Newhall, Geo., salary as committee,	.		25 00	
Newhall, Geo., making 74 deeds,	.		37 00	
Perry, H. J., sundries,	.	.	4 40	
Stevens, H., expressage,	.	.	25	
Vaughn & Ripley, making stand,	.		2 00	
Blen, E. A., 8 feet manure,	.	.	5 00	
Calligan, A., 4 feet manure,	.	.	2 50	
Caswell, T., 15 feet manure,	.	.	9 38	
Kelly, Michael, 50 feet manure,	.	.	31 25	
Marshall, Thomas, 12 feet manure,	.		6 00	
Marshall, Thomas, 300 bricks,	.	.	3 00	

Labor and Teams.

Marshall, Thos., supt., 7 mos.	\$450 00			
Men, 30½ days at \$2 50,	76 25			
" 1,112½ " " 2 10,	2,225 34			
Teams, 105½ " " 1 75,	184 62	2,936 21	3,509 73	
Balance,	.	.	\$245 75	

REPORT OF TOWN TREASURER.

Cash in treasury, January 7, 1893,	\$1,058 58
Total receipts for the year,	352,722 29
	\$353,780 87
Total disbursements,	\$344,098 21
Cash in treasury, January 13, 1894,	\$9,682 66

CEMETERY TRUST FUNDS.

1885.	Estate Sally Upham,	\$200 00
1886.	S. B. Cochrane,	200 00
1887.	Estate of Wm. H. Jones,	100 00
1888.	Estate of Mrs. Lynthia L. Burgess,	100 00
1888.	C. O. and Mrs. Thomas Robinson,	100 00
1889.	Mrs. Caroline Curtis,	100 00
1889.	C. E. Daniels, treasurer Winchester Home,	300 00
1889.	Estate of J. Vincent Smith, M. D.,	200 00
1889.	Estate of Peter Edgerly,	100 00
1890.	Mrs. Sarah Whowell,	50 00
1890.	William A. Fuller,	150 00
1891.	Mrs. J. P. Beckett,	100 00
1891.	Louis Earl,	100 00
1892.	Daniel Russell,	200 00
1892.	Estate of Jonathan Lynde,	100 00
1892.	Miss Joana Stackpole,	100 00
1892.	Estate of Eliza L. Crocker,	100 00
1892.	Hannah Scrannage,	50 00
1893.	Estate of George N. Noyes,	100 00
1893.	Estate of James H. Little,	150 00
		\$2,600 00

GEORGE NEWHALL, TREASURER.

In account with the TOWN OF MELROSE.

DR.

Cash in treasury, January 7, 1893, .	\$1,058 58
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RECEIPTS.

A. Lane, collector of taxes, 1890, .	\$19 06	
“ “ “ 1891, .	137 44	
“ “ “ 1892, .	63,354 97	
“ “ “ 1893, .	80,016 91	143,528 38
Water rates,	32,875 00	
49 water bonds, new series, . .	49,000 00	
Interest,	106 69	81,981 69
Cemetery trust funds,		250 00
Dog tax,		1,046 22
Temporary loan,		105,800 00
Commonwealth of Mass., military aid,	121 00	
Commonwealth of Mass., state aid,	1,748 50	
Commonwealth of Mass., bank and corporation tax,	6,245 14	8,114 64
From various sources on account of		
Contingent,	202 00	
Fire department,	17 05	
Highways,	3,188 53	
Interest,	467 75	
Police,	115 55	
Poor,	1,543 59	
Schools,	221 73	
Sidewalks,	1,342 50	
Soldiers' relief,	17 50	
Streets lights,	50	
Town Hall,	1,127 12	
Additional water supply, . . .	2 06	
Wyoming cemetery,	3,755 48	12,001 36
		\$353,780 87

CR.

Paid Bills per Town Clerk's Warrants.

Contingent,	\$2,811 92
Fire alarm bell tower,	528 25
Fire alarm maintenance,	200 58
Fire department,	9,063 76
Health department,	1,279 56
Highway department,	19,059 77
Insurance,	728 38
Interest,	9,057 17
Luck-up, removal of,	20 67
Main street,	1,419 29
Main street widening awards,	3,896 00
Memorial day,	200 00
Military aid,	336 00
Numbering buildings,	44 10
Park department,	598 90
Perkins street extension,	2,360 54
Perkins street land damages,	350 00
Police department,	6,967 28
Poor department,	7,396 53
Public library,	2,246 22
Salaries of town officers,	5,344 50
School building, Vinton street,	9,841 32
School building, Warren street,	5,137 86
School department, support of,	43,235 15
Sewerage,	994 00
Sidewalks, concrete,	4,213 26
Soldiers' lots,	24 00
Soldiers' relief,	747 68
Spot pond improvement,	3,665 22
State aid,	1,911 00

Amount carried forward, \$143,678 91

<i>Amount brought forward,</i>		\$143,678 91
Street lights,		7,678 91
Street signs,		47 60
Taxes (county, sewer and state),		14,941 22
Town hall,		2,068 31
Water, additional supply,		3,079 61
Water fund,		44,713 07
Water, town use of,		4,000 00
Wells, experimental,		844 81
Wyoming cemetery,		3,509 73
Sewer, Metropolitan,		1,649 14
Loans, permanent,	:	21,000 00
Loans, temporary,		93,000 00
Water loan sinking fund commis- sioners,		3,886 90
Surplus of 1892,		\$344,098 21
Jan. 13, 1894, cash in treasury,		9,682 66
		\$353,780 87

STATEMENT OF THE TOWN DEBT.

WATER BONDS.

Melrose water loan, high service issue of 1885,	
due Nov. 1, 1905,	\$37,000 00
Melrose water fund, series of 1887, due May 1,	
1907,	50,000 00
Melrose water fund, series of 1890, renewal, due	
1896-97-98-99, 1900, \$10,000 each year, .	50,000 00
Melrose water bond, series of 1892, due 1912, .	14,000 00
Melrose water bond, series of 1892, renewal,	
due 1912,	37,000 00
Melrose water bond, series of 1893, due 1913, .	49,000 00
	\$237,000 00

TOWN HALL BONDS.

Melrose Town Hall, due 1912, renewal, . . .	\$45,000 00
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PERMANENT LOANS.

Loans on account of Building and Re-modelling School Buildings, as per vote May 20, 1890.

Barnard & Stanwood, due Aug. 30,	
1895 @ 4 per cent.,	\$10,000 00
1891.	
Lizzie C. Haskell, due July 9, 1894,	
@ 4 per cent.	5,000 00
Provident Inst. for Savings, due Dec.	
8, 1898, @ 4 per cent.,	10,000 00
Melrose savings bank, due Jan. 6,	
1895, @ 4 per cent.,	5,000 00
<i>Amount carried forward,</i>	<i>\$30,000 00</i>
	\$312,000 00

<i>Amount brought forward,</i>		\$312,000 00
<i>Loans on account of Grove Street School Building, as per vote June 22, 1891.</i>		
Provident Inst. for Savings, due Dec. 8, 1900,		\$11,000 00
<i>Loans on account of Warren Street and Vinton Street School Buildings, as per vote of 1892.</i>		
C. N. Barnard & Co., @ 4 per cent.:		
Due August 1, 1894,	\$7,000 00	
" 1895,	7,000 00	
" 1896,	7,000 00	
" 1897,	7,000 00	\$28,000 00
Warren street school, }	\$28,000 00	
Vinton " }		

TEMPORARY LOANS.

Melrose savings bank, @ 4 per cent.:		
Dated Dec. 7, 1892,	\$10,000 00	
" 23, 1892,	5,000 00	
Dated Feb. 8, 1893,	\$10,000 00	
Dated Apr. 12, 1893,	5,000 00	
Dated May 4, 1893,	5,000 00	
Levi S. Gould, dated Aug. 1, 1893,		
on demand,	6,000 00	
Elizabeth T. Baker, dated Aug. 2, 1893, 6 mos. @ 6 per cent.,	500 00	
C. C. Odlin, dated Aug. 16, 1893, 6 mos. @ 6 per cent.,	700 00	
Admr. estate Samuel A. Toothacker, dated Aug. 23, 1893, 6 mos. @ 6 per cent.,	1,500 00	
<i>Amounts carried forward,</i>	\$43,700 00	\$351,000 00

<i>Amounts brought forward,</i>	.	\$43,700 00	\$351,000 00
J. E. Sanborn, dated Aug. 26, 1893,			
6 mos. @ 6 per cent.,	.	500 00	
Elizabeth T. Baker, dated Aug. 26,			
1893, 6 mos. @ 6 per cent.,	.	1,000 00	
Sarah F. Barron, dated Sept. 1, 1893,			
6 mos. @ 6 per cent.,	.	200 00	
Wm. F. Conant, Tr., dated Sept. 6,			
1893, 1 year @ 6 per cent.,	.	1,000 00	
Eliza Eldridge, dated Sept. 6, 1893,			
6 mos. @ 6 per cent.,	.	2,000 00	
Chas. E. Newhall, dated Sept. 7,			
1893, 6 mos. @ 6 per cent.,	.	7,000 00	
John S. Austin, dated Sept. 12, 1893,			
6 mos. @ 6 per cent.,	.	2,000 00	
Alice S. Roberts, dated Sept. 12,			
1893, 6 mos. at 6 per cent.,	.	400 00	
Melrose savings bank, dated Dec.			
28, 1893, demand, 4 per cent.,	.	15,000 00	
Melrose savings bank, dated Jan. 4,			
1894, demand, 4 per cent.,	.	5,000 00	77,800 00
			\$428,800 00

AVAILABLE ASSETS.

Due from state, state aid, 1893, .	\$1,911 00	
“ “ “ military aid, 1893, .	168 00	2,079 00
Uncollected taxes:		
1885, . . .	159 20	
1886, . . .	272 87	
1887, . . .	205 13	
1888, . . .	240 94	
1889, . . .	831 34	
1890, . . .	18 00	
1891, . . .	149 92	
1892, . . .	1,735 48	
1893, . . .	61,684 02	65,296 90
Water loan sinking fund, . .		4,413 75
Cash on hand,		9,682 66
		\$81,472 31
Net debt more than assets available,		\$347,327 69
		\$428,800 00

Respectfully submitted,

GEORGE NEWHALL,

Treasurer.

GEORGE NEWHALL,

In account with WATER LOAN SINKING FUND COMMISSIONERS.

DR.

Cash on hand,	\$444 46
Received from town of Melrose, surplus of 1892,	3,886 90
Received 9 months' interest on above,	142 39

CONTRA.

By paid Boston Safe Deposit & Trust Co., box rent Feb. 12, '94,	\$10 00	
By paid Geo. Newhall, services as treasurer, one year ending June 1, '93,	50 00	
By paid town of Melrose, for four water bonds, issue of Oct. 1, '93, Nos. 35, 36, 37, 38 (\$1,000 each),	4,000 00	
Balance,	413 75	
	\$4,473 75	\$4,473 75

ASSESSORS' REPORT

FOR YEAR 1893.

No. of inhabitants,	10,474
“ dwelling houses,	2,484
“ horses,	646
“ cows,	239
“ oxen,	2
“ dogs,	556
“ swine,	261

VALUATION.

Real Estate.

Buildings,	\$5,308,500 00	
Land,	3,590,975 00	\$8,899,475 00
Personal estate,	448,055 00	
Resident bank stock,	52,600 00	500,655 00

Total valuation,	\$9,400,130 00
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Tax rate, \$14.40.

Tax assessed on real estate,	\$128,227 32
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“ “ “ personal estate,	7,209 43
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“ “ “ 3048 polls @ \$2.00,	6,096 00
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\$141,532 75

Additional,	284 16
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\$141,816 91

Abatements,	286 28
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\$141,530 63

ASSESSORS' REPORT.

151

APPROPRIATIONS.

Town,	\$121,014 98.
State,	8,225 00
County,	6,716 22
Sewerage,	1,649 14
Overlay,	3,927 41
	\$141,532 75

GEORGE C. STANTIAL,
HENRY A. LEONARD,
DEXTER PRATT,

Assessors for 1893.

COLLECTOR'S REPORT.

TAXES OF 1890.

Uncollected, as per last report,	\$104 71
Abated in 1893,	67 65
	\$37 06
Collected and paid treasurer,	19 06
Uncollected,	18 00

TAXES OF 1891.

Uncollected, as per last report,	921 94
Additional, 1893,	1 07
Interest, 1893,	7 60
	\$930 61
Abated in 1893,	643 25
	\$287 36
Collected and paid treasurer,	137 44
Uncollected,	\$149 92

TAXES OF 1892.

Uncollected as per last report,	\$63,585 16
Additional, 1893,	38 86
Interest in 1893,	2,090 45
	\$65,714 47
Abated in 1893,	624 02
	\$65,090 45
Collected and paid treasurer,	63,354 97
Uncollected,	\$1,735 48

COLLECTOR'S REPORT.

153

TAXES OF 1893.

Amount of warrant,	\$141,532 75
Additional,	284 16
	\$141,816 91
Abated,	286 28
	\$141,350 63
Interest,	170 30
	\$141,700 93
Collected and paid treasurer,	80,016 91
Uncollected,	\$61,684 02

ADDISON LANE,

Collector.

Report of Inspector of Buildings.

MELROSE, Jan. 1, 1894.

To the Honorable Board of Selectmen :

GENTLEMEN.—I herewith present my fifth annual report. During the year 1893 ninety six building permits have been granted. Although not so many as in previous years the buildings as a general rule have been of a better class and of higher values. Many houses built in 1893 were upon permits granted in 1892.

It would aid the inspector in the discharge of his duty if builders or owners complied with the by-laws in procuring their permits before commencing operations, and not compel or require him to hunt up new buildings.

SEC. 1. Any person intending to erect any dwelling-house, stable, shop, store or other building in the town of Melrose, shall, before proceeding to erect the same or lay the foundations thereof, give notice in writing to the board of selectmen of such intention, and of the character and location of the proposed building.

In view of the rapid increase in population and the consequent increase in buildings, I recommend the adoption of a general building law same as in force in other towns and cities.

DEXTER PRATT,
Inspector of Buildings.

REPORT

OF THE

BOARD OF ENGINEERS

OF THE

MELROSE FIRE DEPARTMENT,

FOR THE

YEAR ENDING DECEMBER 31, 1893.

MELROSE:

DUNTON & POTTER, PRINTERS, REPORTER OFFICE.

1894.

Report of Engineers of Fire Department.

To the Honorable Board of Selectmen :

GENTLEMEN :—We herewith submit our annual report for the year ending December 31, 1893, giving in detail the force and apparatus, a record of fires and alarms which have occurred during the year, with losses and insurance of property as near as could be ascertained, and other information relating to its efficiency with necessary recommendations. We also take pleasure in congratulating your honorable board and the citizens of Melrose on the continued small loss of property. Our present department has been prompt in its efficiency, and has continued its past record. We have not called in outside assistance during the year, but have rendered assistance to the city of Boston.

FORCE OF THE DEPARTMENT.

The force of the department consists of a chief engineer and two assistants, one engineman of steamer, one stoker who is also relief engineman of steamer, two permanent drivers, fifteen hook and ladder men, forty-eight hosemen; two permanent drivers are located at central station.

APPARATUS.

The apparatus of the department consist of one steam fire engine, one hook and ladder truck carrying 228 feet of ladders, one supply wagon, one hose wagon carrying 1,000 feet of hose, two four-wheel carriages carrying 650 feet of hose each, one two-wheel carriage carrying 450 feet of hose.

FIRE ALARM.

During the past year there has been added two new fire-alarm boxes, located as follows: Box 29, corner First and Sewall streets; Box 58, corner Youle and Vinton streets; one bell, one No. 4 striker, making three strikers, one gong, six tappers, twenty-two boxes, and nineteen miles of wire. The system is very satisfactory, with a few exceptions caused by contact with electric wires, something that is likely to occur at any time.

HOSE.

There is now in use in the department 4,500 feet of hose in fair condition, and 500 feet in poor condition. There should be 1,500 feet of new hose purchased the present year.

HOUSES.

The number of houses in the department is five, as follows: Central fire station on Main street, occupied by steamer and hose-wagon; room under Masonic Hall, occupied by Hose 2; house on Franklin street, occupied by Hose 3; house on East Foster street, occupied by Hose 4; room in basement Town Hall, occupied by H. & L. Co. No. 1.

HORSES.

The number of horses is three, owned by the town, and are located in the Central fire station. There are four call horses for Hose 2 and 3, and H. & L. Co. There should be a pair purchased for the H. & L. truck.

HYDRANTS.

There are at present one hundred and ninety-seven, four

of which have been added the past year; all of which have been found in good condition.

RECOMMENDATION.

We would recommend the purchase of 1,500 feet of new hose, also more fire-alarm boxes; the purchase of a pair of horses for the H. and L. Truck, and a permanent driver for the same.

IMPROVEMENTS.

There has been added to the department one new hook and ladder truck, weight 3,700 lbs., built by Abbot & Downing; three horses, two for steamer and one for hose-wagon; two permanent men as drivers for steamer and hose wagon. Two fire-alarm boxes, one No. 4 striker and bell has been placed on the hose-house, East Foster street, also, a supply wagon has been placed in the Central house.

FIRES.

Our fire record for the past year has been one of success, owing to the efficiency of the department in responding. Small fires have been the result; our losses by fire have been small, and will compare favorably with any of the surrounding towns. A condensed statement will show losses, insurance, and insurance paid, as far as could be ascertained:

Total number of alarms, 33.

Amount of property endangered, \$87,700.

Insurance on same, \$53,700.

Loss on same, \$5,856.91.

Insurance paid on same, \$4,721.91.

Total loss on same, \$1,135.

Jan. 5, box 54; house on Tremont street owned by Mrs.

E. Spear ; occupied by Henry Pritchard and Chas. Church; value of building and contents, \$3,800; insurance upon building and contents, \$2,500; insurance paid upon building and contents, \$150; loss on building and contents, \$150; cause, naptha kiln; loss partial.

Jan. 8, box 54; block on Franklin street owned by Geo. W. Chipman; occupied by Samuel Whitcomb and others; value of building and contents, \$15,000; insurance paid on building and contents, \$10; loss on building and contents, \$10; cause, defective chimney; loss partial.

Jan. 12, box 43; block on Upham street, owned by W. N. Folsom; occupied by Albert Keen and others; value of building and contents, \$7,500; loss on building and contents, \$365; insurance on building and contents, \$6,000; insurance paid on building and contents, \$365; cause, defective chimney; loss partial.

Jan. 16, box 46; house on Main street, owned by Freeman Upham; value of building and contents, \$3,000; cause, thawing water pipe; no loss.

Jan. 23, box 54; house on Tremont street, owned by Whitfield Porter; value of building, \$3,000; cause, drying plastering; no loss.

Jan. 28, box 43; block on Main street, owned by John J. McCullough; occupied by John J. McCullough and Wm. Keating; value of buildings and contents, \$12,000; insurance upon buildings and contents, \$8,500; loss upon buildings and contents, \$1,500; insurance paid upon buildings and contents, \$1,500; cause, unknown; loss partial.

Feb. 5, box 49.

Feb. 6, box 37.

Feb. 8, box 37; house on Maple street, owned by Michael Lucy; occupied by Michael Lucy; value of buildings and contents, \$1,050; loss upon buildings and contents, \$550; insurance upon buildings and contents, \$700; insurance paid

upon buildings and contents, \$550; cause, unknown; loss partial.

Feb. 12, box 35; false alarm.

Feb 21, box 41; house on Third street, owned by Patrick Hallihan, occupied by Patrick Hallihan, value of building and contents \$2,200; insurance upon building and contents \$2,000; loss upon building and contents \$1,500; insurance paid upon building and contents, \$1,000; cause unknown; loss partial.

March 10, 10 blows; call for assistance from Boston; responded to by sending hose-wagon and 25 men.

March 26, box 25; false alarm.

March 26, box 43; house on Allen place, owned by Allen C. Goss, occupied by N. M. Dill. Value of building and contents \$3,000; insurance upon building and contents \$1,200; loss upon building and contents \$800; insurance paid upon building and contents \$800. Loss partial; cause unknown.

April 19, box 32; house on Summer street, owned by Simeon Locke. Value of building and contents \$4,100; insurance upon building and contents \$3,600; loss upon building and contents \$2,450; insurance paid upon building and contents \$2,450. Loss partial; cause overheated furnace.

April 30, box 42; brush fire; Goss & Jones. Woods.

May 8, box 42; brush fire; Goss & Jones. Woods.

May 10, box 42; brush fire; Goss & Jones. Woods.

May 15, box 48; house on Cedar park, owned by Seth E. Benson, occupied by Seth E. Benson. Value of building and contents \$6,000; insurance on building and contents \$5,000. No loss; cause overheated furnace,

June 13, box 54; house on Clifton park, owned by C. W. Cook occupied by H. T. Woodbury. Value of buildings and contents \$4,100; insurance upon buildings and contents

\$3,100; loss on buildings and contents \$4,100; insurance paid on buildings and contents \$3,100. Loss, total; cause unknown.

June 24, box 42; hennery, on Third street; owned by E. McKinnon. No loss; cause lamp explosion.

July 4, box 43; house on Winter street, owned by S. E. Stilphen, occupied by G. N. Vaughan; value of building and contents, \$3,500; insurance on building and contents, \$2,800; loss on building and contents, \$50; insurance paid on building and contents, \$50; loss partial; cause, firecrackers.

July 9, box 48; house on Emerson street, owned by S. W. Moorehouse; occupied by S. W. Moorhouse; value of building and contents, \$7,500; insurance upon building and contents, \$5,600; loss on building and contents, \$190.91; insurance paid on building and contents, \$190.91; loss partial; cause, overheated stove.

July 15, box 39; house on Gould street, owned by Boston Rubber Shoe Co.; value of building and contents, \$3,000; no loss.

Aug. 3, box 38; building on Tappan street, owned by S. E. Benson; value of building and contents, \$50; damage on building and contents, \$10; loss partial; cause, incendiary.

Aug. 9, box 51; stack of hay on Greenleaf place, owned by Samuel Whitcomb.

Aug. 14, box 23; building on Lebanon street, owned by Town of Melrose; no loss.

Sept. 12, box 42; house on Third street, owned by Hanson Hunnewell; occupied by Hanson Hunnewell; value of building and contents, \$2,200; loss on building and contents, \$74; insurance on building and contents, \$1,700; insurance paid on building and contents, \$74; loss partial.

Sept. 13, box 41; house on Beech avenue, owned by E. A. Allen; value of buildings and contents, \$3,500; insurance upon buildings and contents, \$3,500; loss upon buildings

and contents, \$2,217; insurance paid upon buildings and contents, \$2,217; loss, partial; cause, incendiary.

Dec. 1, box 54; house on Chipman avenue, owned by R. D. McFarland; occupied by Mrs. Freeman; value of building and contents, \$3,500; insurance upon building and contents, \$2,500; loss upon building and contents, \$50; insurance paid upon building and contents, \$50; loss, partial; cause, defective chimney.

Dec. 4, box 43; building on Ingalls place; occupied by A. W. Chesterton; no loss.

Dec. 4, box 43; building on Main street, owned by heirs of Benj. Upham; occupied by Charles Woodward; value of buildings and contents, \$1,200; insurance upon buildings and contents, \$1,200; loss upon buildings and contents, \$900; insurance paid upon buildings and contents, \$825; loss partial; cause, unknown.

Dec. 20, box 59; house on Orris street, owned by Bartlett & Everett; occupied by H. S. Patten; value of building and contents, \$3,500; insurance upon building and contents, \$3,500; loss upon building and contents, \$890; insurance paid upon building and contents, \$890; loss partial; cause, overturned lamp.

OFFICERS AND MEMBERS.

ENGINEERS.

A. Wilbur Lynde, Chief.

Albon W. Parker, 1st Asst.

Samuel Lear, 2d Asst.

FIRE ALARM.

J. M. Holbrook, Superintendent.

G. E. Burnham, Assistant.

STEAMER CO. NO. I.

Captain, J. M. Holbrook, Grocer, 27 First st.

Lieutenant, J. W. Emerson, Rubber Worker, 51 Dell ave.

Clerk, A. B. Smith, Carpenter, 21 Essex st.

Hoseman, T. J. Hawkes, Barber, 25 Russell st.

" T. B. Stantial, Carpenter, 15 Winthrop st.

" A. L. Upham, Laborer, 253 First st.

" G. E. Burnham, Carpenter, 41 Winthrop st.

" C. F. Woodward, Civil Engineer, 39 Upham st.

" W. C. Sargeant, Fire Supplies, 362 Washington st.

" D. H. Woodward, Carpenter, 39 Upham st.

" C. N. Shute, Clerk, 170 Foster st.

Engineman, J. H. Edwards, Engineer, 31 Waverly place.

Stoker, C. F. Edwards, Machinist, 612 Main st.

PERMANENT MEN.

W. S. Armstrong, Driver, at Station.

D. T. Stockwell, " "

Schedule of Property belonging to the Town in care of Steamer Company No. 1.

One Clapp & Jones steam fire-engine, built in 1890; one 1-horse hose wagon, built by Abbot & Downing, in 1892; one set double swinging harness, with spiders for hanging the same; one single swinging harness, with spider for same; two iron wheel-guards, one leather guard for suction hose, two spanners for suction, one gong, one valve wrench, two set hose spanners, two wheel wrenches, two socket wrenches, one monkey-wrench, two stuffing-box wrenches, one smoke cap, one hammer, two oil cans, one poker, one shovel, one coupling 4 in. to $2\frac{1}{2}$ in., two play pipes and rods, six lanterns, 20 feet suction hose, one strainer, two whips, 6 feet $\frac{3}{4}$ -hose and nozzle, three extra nozzles, one mud mat, three street blankets, one leather cover for the same, one set lead bars, one hydrant wrench, three collar pads, three 50-lb. weights, six pulleys, 80 feet rope, three bridles, one extra glass gauge, two pair mittens, two play pipes, one Haley nozzle, one Callahan nozzle, two chemical extinguishers and charges for the same, one axe, one bar, one plaster hook, ten rubber coats, seven pair mittens, 20 feet rope, three hydrant wrenches, two hose gates, one jacket on hose for wrenches, one strap, three belts, six pair spanners and belts, seven hose ropes, one canvas cover for wagon, two rubber coats for engineers, one gong, one portable furnace, one poker, one shaker, two 5-gallon oil cans, two sponges, one box harness soap, one 2-gallon oil can, two pails, one 2-quart oil can, one iron wheel-jack, ten boxes for coal, one shovel, one coalhod, one feather duster, one hand-brush, two brooms, one axe, one water-pot, 1,750 feet $2\frac{1}{2}$ hose, 100 feet $\frac{3}{4}$ garden hose.

Stable, one set double work harness, two flag collars, three horses (weight 1,350 lbs.), two currycombs, four brushes, one stal hook, one pitchfork, one shovel, two

brooms, two halters, two pails, two tubs, one box salt, one box Dole's powders, one can grease, two cans harness oil, one pair clippers, six horse-blankets, five stall ropes, three feed boxes, two scrapers, four bedsteads with mattresses and bedding for the same, one bureau, twelve chairs, one table, three curtains, one 4-light chandelier, two flue cleaners, one thimble setter, two chamois skins, one mop, one scrub brush, one step-ladder, one coal wagon, one canvas cover for the same, one jack, six baskets, six straps for snow-plough, one flag, two mane brushes, one dung-fork, one double pung, one set of rules and regulations with frame.

HOSE COMPANY NO. 2.

Captain, J. R. Gibbons, Building Mover, 121 Trenton st.

Lieutenant, R. Gibbons, Jr., Carpenter, 121 Trenton st.

Clerk, E. B. Stantial, Miller, 415 Main st.

Steward, H. W. Simpson, Rubber Worker, Lynde st.

Hoseman, A. Armington, Rubber Worker, 38 Foster st.

" W. F. Phipps, Landlord, 10 Foster st.

" P. Buchanan, Coachman, Lynde st.

" W. M. Cotting, Laborer.

" C. B. Thompson, Carpenter, Lynde st.

" J. R. Hamlin, Farmer, 244 Main st.

Schedule of Property belonging to Town in care of Hose Company No. 2.

One hose carriage, one hose sled, 1,250 feet hose, good; 100 feet, damaged; 50 feet garden hose, with nozzle; six hose lines, two pipes, three pairs of spanners and belts, three hydrant wrenches, one monkey wrench, one axe, four lanterns, two hydrant gates, ten pairs of mittens, ten rubber coats, one table, ten chairs, one stove and funnel, one twelve-foot ladder, one broom, one brush, one duster.

HOSE COMPANY NO. 3.

Captain, Frank Storey, Painter, 2 Ashburton pl.

Lieutenant, Theron Porter, Carpenter, 135 Franklin st.

Clerk, Albert E. Day, Clerk, 45 Ashland st.

Hoseman, Leveret D. Newhall, Shoemaker, 40 Belmont st.

" Charles H. Fuller, Gate Tender, 53 Sargent st.

" Arthur Storey, Machinist, 907 Main st.

" Huestis E. Adams, Carpenter, 135 Franklin st.

" Frank E. Morton, Carpenter, 53 Greenwood st.

" John C. Black, Wheelright, 54 Greenwood st.

" Jos. H. Hebblethwaite, Plumber, 29 Greenwood st.

*Schedule of Property belonging to Town in care of Hose Company
No. 3.*

One two-wheel hose carriage, one hose sled, 900 feet good hose, 300 feet damaged hose, ten rubber coats, three lanterns, two hydrant gates, two wrenches, six pairs of spanners and belts, three pipes, two shut-off nozzles, nine pairs of mittens, one axe, one pinch bar, one carriage jack, one breast plate, forty feet of garden hose, one broom, twelve lamps and fourteen brackets, two stoves and funnel, ten chairs, five settees, one table, one bracket, one snow shovel, one coal shovel, nine hose ropes, one 5-gallon oil can, one ½-gallon oil can, one chandelier, one duster, eleven curtains, one hose trough.

HOSE COMPANY NO. 4.

Captain, A. J. Burnett, Plumber, Waverly ave.

Clerk, E. M. Caldwell, Agent, No. 9 Sixth st.

Steward, Charles J. Critchett, Clerk, No. 340 Grove st.

Hoseman, John Reed, Diamond Cutter, 186 Foster st.

" F. A. Gould, Blacksmith, No. 352 Foster st.

" Sterling Jones, Clerk, No. 197 First st.

- Hoseman, Dennis Carlin, Laborer, No. 170 Third st.
“ W. H. Carney, Teamster, No. 327 Foster st.
“ H. P. Ingalls, Merchant, No. 209 Foster st.
“ E. McKinnon, Clerk, No. 159 Third st.
“ J. W. Hunnewell, Carpenter, No. 33 Meridian st.
“ Geo. Upton, Clerk, Foster st.

Schedule of Property belonging to the town in care of Hose 4.

One 4-wheel hose-carriage and runners, 650 feet hose, twenty-one chairs, one table, one stove, six rubber coats, four lamps, two oil cans, two shovels, one broom, nine pairs mittens, two hydrant gates, one pipe and nozzle, four hose ropes, one pair spanners, two hydrant wrenches, one axe, one monkey wrench, one carriage jack, one water pail, one feather duster.

HOOK AND LADDER NO. I.

- Captain, Joseph Edwards, Wheelwright, 690 Main st.
Lieutenant, D. O. Parker, Butcher, 93 Lynde st.
Clerk, D. W. Wiswell, Painter, 181 Upham st.
Steward, W. A. Lynde, Farmer, 529 Lebanon st.
Laddermen, C. S. Gordon, Silversmith, 21 Winthrop st.
“ T. B. Johnson, Carpenter, 57 Rowe st.
“ W. H. Stewart, Carpenter, 36 Albion st.
“ J. Tyzzer, Blacksmith, 425 Main st.
“ F. H. Tyzzer, Painter, 425 Main st.
“ W. C. Johnson, Carpenter, 138 Grove st.
“ R. Whidden, Expressman, 500 Main st.
“ J. E. Richardson, Druggist, 508 Main st.
“ Harry S. Robertson, Painter, 174 Linwood ave
“ Daniel Gibson, Janitor, 121 Myrtle st.

*Schedule of Property belonging to the town in care of
Hook and Ladder No. 1.*

One 2-horse hook and ladder truck, one set of double harness and two collar pads, 228 feet ladders, fifteen rubber coats, twelve lanterns, three bars, one door opener, two gongs, five forks, eight axes, eight dogs, two crotch poles, two pole hooks, one chain hook, two hammers, two dozen belts, one jack, twenty pair mittens, two fire extinguishers, three wrenches, one ladder footer, four plaster hooks, one whiffletree and breast-plate, fifty-feet garden hose, two water buckets, one 5-gallon oil can, six brooms, six straps, two shovels, one sponge, one chamois skin, two boxes of chemicals, ten settees, one table, four cuspadors, two sets blocks, 100-feet rope, two curtains, one feather duster, two squilgees.

Schedule of Property in care of Superintendent of Fire-Alarm.

Sixty-one cells, one 5-circuit repeater in glass case, one 5-circuit switchboard, three tower-strikers and bells, one outside gong, one house gong, one tapper, twenty-two alarm boxes, one school box, four galvanometers, 19 miles of wire, eighteen key boxes with chain and keys attached, nine fuse boxes, three lightning arresters.

Supplies and Tools.

Quarter-mile line, 100 feet guy wire, 25 ft. of office wire, 5 ft. box wire, 24 ft. fuse wire, twenty-four glass tubes, nine glass insulators, four rubber hooks, thirty ag screws, six washers, half package tape, one iron corner bracket, six wooden pins, six wooden brackets, seven Ts, nine cross-arms, one iron ridge-bracket, 150 lbs. vitrol, 70 standard zinc, 17 coppers, 16 jars, two fuse boxes, one test glass, one vise and strap, one pair climbers, two pair lineman's cutters, two wrenches, one bit, one chisel, two hand-lines, one rope for tackle, three sponges, one dust-pan, one brush, one

broom, one mop-handle, one scrubbing-brush, four pails, one bottle watch oil, one lantern, one soapstone sink, one watering pot, one box lightning arresters, one tapper lightning-arrester, 100 set screws for zincs, twelve binding posts, one wood back for box, one sieve, one cake sapolio, one package soapine, one paint-brush, 50 ft. inside wire.

*Labor Performed by the Fire Department Men and Horses
on the Highways.*

Watering streets, man and two horses, 110 days.

Widening Main street, man and two horses, $5\frac{1}{4}$ days.

Clearing snow from sidewalks, man and horse, 5 days.

APPROPRIATION.

We recommend the appropriation of (\$7,500) seventy-five hundred dollars for ensuing year.

CONCLUSION.

We take this method to tender our thanks to your honorable board for the interest you have taken to promote the efficiency of the department, and for your kindness during the past year.

Also to the police department for their promptness in the discharge of their duties in connection with the fire department; and last, but not least, to the officers and members of the department, for the faithful and energetic manner in which they have responded to every alarm, and the satisfactory results which have followed their efforts to prove themselves worthy of the confidence of our citizens.

Yours with respect,

A. WILBUR LYNDE,
ALBON W. PARKER,
SAMUEL LEAR,

Board of Engineers.

REPORT

OF THE

BOARD OF HEALTH

FOR THE

YEAR ENDING DECEMBER 31, 1893.

MELROSE :

DUNTON & POTTER, PRINTERS, REPORTER OFFICE.

1894.

Report of the Board of Health.

The fourth annual report of the board of health is herewith presented. The membership of the board has not changed during the past year. Its labors increase annually with the growth of the town. More than one hundred and fifty nuisances and complaints have received attention from the board, and more than a hundred letters have been written. If our first summons to the abatement of a nuisance would suffice, as one might suppose, our labors would be very simple, but the call must often be changed to a demand, and sometimes the demand to a threat, before the work is done.

The sources of nuisance or complaint have most frequently been neglected cesspools and offensive privies, but also imperfect traps, or total absence of them, and defective sink drains. These nuisances have in a large number of cases been so obvious and so offensive, that it really needed only the slightest vision to see the trouble, and only the slightest sense of common decency to remedy it without any appeal to the board.

A large number of the complaints that come to us are from tenants, who having vainly appealed to the landlords, are driven at last to call upon the board for relief from nuisances long endured. The requirements of the board in these cases, whether verbal or written, but always respectful, have usually been promptly complied with, and in a commendable spirit, but in more than one such case, the landlords, men of means and influence, have refused our

courteous request to abate the nuisance, and have even persisted in refusal till dragged to the duty by our threat of resort to the court. In only one instance has obstinate refusal compelled us to bring the offender to trial, when the result was short and decisive.

Early in the past year, the board, in view of the urgent need of some changes in the former rules and regulations, instituted a new code of rules, which supplied numerous deficiencies, and made clear some points previously obscure. These new rules were published in both our newspapers, and have been circulated as widely as practicable.

The prevalence of contagious diseases has been continuous, and at times quite extensive. Scarlet fever has prevailed every month of the year, and measles was at one time a serious detriment to the schools at the Highlands. Our efforts to check the spread of these diseases have been faithfully seconded by the attending physicians, who have promptly reported their sick, and the warning cards have been promptly put up. The only drawback to successful notifications of danger, has been where families have not employed any physician, and so seem to have concluded that no notice to the board of health was necessary; as if in their case the disease would not spread! We have been sorely tempted to apply the legal fine for so dangerous recklessness.

The former method of return to school by children recently recovered from contagious diseases, has been by permits given by the board, based upon the attending physician's certificate of recovery. But that method having often proved troublesome to parents, a more direct plan is now employed, of permits, based as above, but issued by the chief of police, as agent of the board of health; so that the same officer, who by order of the board, removes the card, also issues the permit to return to school.

One mode of rapidly spreading contagious diseases may prevail in our schools, from the fact that the lead pencils have heretofore been used promiscuously. A pupil may attend school while on the verge of an attack of scarlet fever, or as some have done, may actually be taken violently ill in school. The pencil he has been using, and touched repeatedly to his lips and tongue, has gone into the general pile, to be used by another pupil to-morrow, or perhaps the same day. The board has suggested to the superintendent of schools to change all that, and he very cordially assented, and has contrived an ingenious plan by which each pupil now has his own pencil.

Last spring, in consequence of the threatened invasion of cholera, we instituted a thorough inspection, by a special police officer, of the entire central part of the village. He inspected carefully every yard, and whenever any clearing up was found necessary, he left in the hands of the resident a plainly printed notice, specifying the work to be done, and the time within which it must be done, usually five days. This course of inspection was faithfully performed, and we believe much good was done by it, often cutting short a nuisance which would soon have become serious. This work of spring inspection has been done now for two years, and the influence has been so salutary, that it may become necessary to establish it as a permanent line of sanitary action.

Quite too much indifference has been shown as to allowing children, and even adults, in houses containing contagious diseases, to associate freely with other persons, and even to attend public assemblies. No board of health can follow up and detect all these unlawful acts, but any information of such offences furnished to the board, will result in prompt steps towards protecting the community.

The passage by the last legislature of Act 477, "relative to the licensing of plumbers, and the supervision of plumbing," has received the required attention from us. In compliance with Sec. 3 of said act, requiring the board of health to appoint the third member of the board of examiners of plumbers, we appointed to that position Mr. Edmond L. Grundy, a gentleman well versed in both the science and practice of house sanitation and plumbing. In accordance with the requirement of Sec. 5, that the board appoint an inspector of plumbing, we appointed the same gentleman to this office, which is in fact a dependency of the former position. Sec. 6 of said act, requiring that "each town . . . shall . . . prescribe rules and regulations" regarding plumbing and sewage, we presented to the town at the meeting held Nov. 23d, a set of rules and regulations carefully compiled from those of neighboring towns and cities. These were ordered printed, and still await the action of the town.

During the past year the contagious diseases reported were in number and character as follows:

	Scarlet.	Diph.	Measels.	Typhoid.	Total.
January,	11	4	1		16
February,	5	1	8		14
March,	3	1	15	1	20
April,	9		11		20
May,	10	2	3		15
June,	10	1	5		16
July,	9	2	1		12
August,	1	1	2		4
September,	12			1	13
October,	10	1	10	2	23
November,	8	2	28	1	39
December,	5		8		13
Totals,	93	15	92	5	205

This far surpasses the record of any previous year, but the mortality of the town for the year 1893 has been very low, as is shown by the following table :

Phthisis,	19	Syphilis,	1
Pneumonia,	17	Liver disease,	2
Diseases of heart,	12	Shock,	1
Still born,	13	Asphyxia,	1
Cerebral hemorrhage,	10	Anaemia,	1
Cholera infantum,	8	Cystitis,	1
Marasmus,	8	Disease of kidneys,	1
Old age,	8	Tumor of abdomen,	1
Bright's disease,	6	Tumor of brain,	1
Scarlet fever,	5	Appendicitis,	1
Paralysis,	4	Convulsions,	1
Meningitis,	4	Uraemia,	1
Diphtheria,	3	Abscess of larynx,	1
Cancer,	3	Cyanosis,	1
Diabetes,	2	Protracted labor,	1
Dropsy,	2	Stoppage of bowels,	1
Diarrhoea,	3	Peritonitis,	1
Suicides,	2	Bronchitis,	1
Accident,	4	Gall stones,	1
Malignant sore throat,	1	Asthma,	2
Post partum hemorrhage,	1		
Eclampsia,	1	Total,	160
Peritoneal tuberculosis,	1		

A classification of the diseases gives these results :

Diseases of lungs,	42	Diseases of kidneys,	10
“ brain,	18	“ throat,	6
“ bowels,	16	“ liver,	2
“ heart,	14	Injuries and accidents,	8

The mortality of 1892 was 168, and that of 1893 is less than last year's, though our population is more than 1,000 larger. This gives a rate of less than fifteen a 1,000 per year, which is an unusually favorable record, justifying our rank well up among the very first of the most healthful towns of the state.

JOHN E. SANBORN, M. D.
FRANK L. WASHBURN.
JOHN DIKE, M. D.

REPORT OF PARK COMMISSIONERS.

Immediately after the election in March, 1893, the park commissioners organized with George T. Brown, chairman, Maurice G. Cochrane, treasurer and C. H. Adams, secretary.

The expenditures in detail are shown in the auditor's report.

During the year marked improvements have been made on Melrose common, where a large amount of grading has been done, and an unsightly mud hole changed into a pretty pond, a permanent ornament to the common.

It was a matter of doubt whether the springs would furnish water ample to maintain the pond, but the past season has demonstrated that even a larger pond than the present one may be maintained, and it is expected that in the future work on that fine public property, it will be enlarged.

It is especially desired by the residents in that part of Melrose, that a system of walks, around and through the common, shall be laid out and built, but the meagre appropriation at the disposal of the commissioners has prevented any action along that line.

The common should be graded, a system of walks maintained, and great numbers of trees of many varieties should be set out and carefully cared for. Nothing will add so much to the common and make attractive that beautiful section of the town as trees. We especially recommend to the real estate owners and residents the importance of setting out trees in great numbers along the streets and in all open places.

The completion of the Sewall's Wood road has made accessible that beautiful wood, and the commissioners have expended a small sum in clearing out the brush that had accumulated the past few years. As it is to be maintained as nearly as possible in its present wild condition it needs only a moderate amount of work and expenditure each year. It ought to be kept cleared up, paths marked out, the road improved, and seats placed at convenient resting places through it. Whenever the adjacent land shall be built up, a system of sidewalks around it will naturally follow. Thousands visited it during the past season, and it must become a famous and popular breathing place as the town grows.

The large vase in front of the Town Hall has been kept filled and cared for during the summer season. It is to be regretted that the land back of this handsome public building, everyway suited for a beautiful lawn, has been made the storing place for all sorts of supplies and machinery, and carts, and made a general dumping ground for dead trees and wood. No good reason exists why that ground should not be as well cared for, and graded, as the beautiful lawn in front.

At Norrisville, two fountains and small public squares have been cared for and improved. The growth and beauty of that section warrants a reasonable expenditure there, and it is hoped that an ample supply of water will allow the constant use of these fountains, and many others throughout the town.

Melrose is beautifully and fortunately situated as regards open breathing places of great value.

Pine Banks park is one of the most attractive in New England, and the munificence of the Hon. E. S. Converse, in opening the beautiful spot to the people of Melrose is always appreciated.

The common, extending over several acres, in the centre of a beautiful and growing section, the gift of the late Hon. D. W. Gooch, will be appreciated in the years to come, as a larger and better common than any other suburban town possesses.

Sewall's wood stands unrivalled in beauty, a monument to the distinguished citizen whose name it bears, and a tribute to the donor, Mrs. E. S. Cabot.

The Metropolitan park system will preserve and care for the famous Middlesex Fells, extending all along the line of the woods in Melrose from the Fells to the Highlands.

Although the Highlands has easy access to Sewall's wood, that beautiful section of Melrose would be still further benefitted by securing a spot of high land, easy accessible, as a public play ground or resting place. Such a place would be a great attraction.

Public play grounds must be secured and protected, as the rapid growth of Melrose is fast covering with handsome residences the grounds heretofore open for that purpose.

But the imperative need of the town is trees. Trees without number. Trees of every kind and everywhere. Many years ago thoughtful citizens set out trees in great numbers along the principal streets. It is a matter of exceeding regret that during the past season more than one hundred great trees have been destroyed on Main street and their places taken by poles and wires.

The Melrose improvement society for many years did a grand work in setting out trees and beautifying the town, but that society has retired from the field and turned the work over to the park commissioners. The town itself must direct further work. Trees should be set out on all our streets, new trees taking the place of trees that have fallen out. New streets must be looked after. We especially urge all citizens and real estate owners to take an

interest in this line of work. Melrose may be made famous for beautiful trees. In many places the commissioners may be able, through cooperation with the abutters, to divide the expense of such work.

The future work of the park commissioners is not imperative like that of the payment of interest on the public debt, maintaining public schools, a fire department or the highways, but it is believed that no work of improvement that may engage the attention of the town, will bring so much in return as the improvement of our public breathing places, and especially the work of setting out trees and caring for them. And the quicker such work is inaugurated and carried out, the larger will be the returns.

Citizens interested are invited to confer with the park commissioners regarding it.

GEORGE T. BROWN, *Chairman.*

MAURICE G. COCHRANE, *Treasurer.*

C. H. ADAMS, *Secretary.*

REPORT OF CHIEF OF POLICE.

MELROSE, Dec. 31, 1893.

To the Honorable Board of Selectmen:

GENTLEMEN:—I have the honor to submit my annual report for the year ending December 31st, 1893.

During the past year the following amounts have been collected for fines, and after deducting expenses of court, turned over to the town treasurer.

From the First District court,	\$395 55
“ County treasurer,	20 00
	\$415 55

Causes for Arrest and Cases brought before the Court for the year 1893.

Assault,	12
Adultery,	2
Attempt to break from lock-up,	1
Attempt to break and enter,	3
Breaking glass,	3
Board of Health By-Laws,	1
Cruelty to animals,	5
Defrauding boarding-house,	2
Disorderly house,	2
Disturbing the peace,	23
“ “ on R. R.,	1
Default warrants,	4
Drunkenness,	96

Evading car-fare,	1
Embezzlement,	4
Forgery,	2
Fast driving,	1
Felonious assault,	1
Insane, committed,	2
Illegal transportation,	2
Keeping unlicensed dog,	3
Keeping and exposing,	4
Larceny,	5
Lacivious conduct,	1
Malicious mischief,	1
Non-support,	4
Neglected children,	4
Receiving stolen property,	1
Riding on sidewalk,	4
Search warrants,	9
Stubborn child,	1
Truancy,	1
Threats,	2
Vagrants,	5

Miscellaneous Duties Performed.

Arrested for out-of-town officers,	7
Contagious diseases, cards put up,	133
Cases investigated,	35
Disturbances suppressed,	21
Doors found unlocked,	24
Dogs killed,	11
Defects in street reported,	23
" sidewalk reported,	9
Electric wires reported down,	4
Fire alarms given,	4

Fires put out without an alarm,	2
Lost children returned,	6
Leaks in water-pipes reported,	27
Lanterns hung in dangerous places,	30
Notices delivered,	25
Notices of unlicensed dogs sent out,	185
Persons assisted home,	1
Streets lights reported out,	339
Stray teams put up,	10
Street signs put up,	30

Appropriations for 1893.

Balance from 1892,	\$39 47
Bills due,	87 61
Appropriation,	6,450 00
Court fees for 1893,	415 55
	\$6,992 63

Expenses for the year 1893.

Salaries,	\$6,501 80
Incidental expenses,	465 48
	\$6,967 28
Balance,	\$25 35

The following amounts have been paid:

Frank M. McLaughlin,	\$913 00
Osborne E. Drown,	905 75
William A. Caswell,	900 75
Charles F. W. Fogg,	890 75
Jerome T. Smith,	884 75
Redford M. Rand,	889 75
George E. Fuller,	519 30
Harry Brown,	54 75
Gustavus F. Allen,	278 25
John W. Davis,	48 75
Allston H. Pineo,	66 50
Joseph D. Lord,	6 00
Augustus Cheissong,	6 00
A. Wilbur Lynde,	5 00
Arthur L. Brigham,	129 50
James Davidson,	3 00

\$6,501 80

The expenses of the department for the year 1893 exceed those of the previous year in the sum of \$938.92, of this amount \$682.75 was paid by vote of the town for increase of twenty-five cents per diem to each man, and partly by extra services required on account of the unusual amount of sickness among the men during the year. One additional man was added to the department in December, and assigned to duty at the Fells. The large territory in that section, being practically uncovered, and the demand for police protection being such, it was deemed necessary so to do. If this service is to be continued it will necessitate an increased appropriation for the coming year. Your attention is called to the expenditure of \$148.50 for horse-hire during the year. The

department has a wagon which is used as a patrol wagon in times of need, but is obliged to hire horses when the same is used. The interest of the town would be served by the purchase of a horse for this department, as it could be utilized for patrolling the outskirts of the town, and allow a much larger district to be covered than at present, and still furnish service for wagon. In behalf of the department I would extend thanks to your honorable board for the cordial support and assistance rendered during the year. Also, to the honorable justices and clerk of the First District court for courtesies received.

Respectfully submitted,

FRANK M. McLAUGHLIN,

Chief.

REPORT OF OVERSEERS OF POOR.

Forty-six families, representing 148 persons, together with twenty-nine single persons, all making 177, have received more or less aid within the year. Of this number forty-eight were fully supported, as follows: twenty-four sane and sixteen insane, had a settlement in our town, seven had their settlements elsewhere, and one is a state pauper.

The number partially supported is 129, as follows: ninety-two had their settlements in our town, thirty-one had their settlements elsewhere, and six were state paupers.

There are fourteen persons in the state institutions for the insane, belonging to the town, who are boarded at a cost of \$3.25 a week, each.

Four persons belonging to the full-support list; two sane and two insane have died during the year.

We feel that the contingencies of the year have been met by a humane economy, and as they have been not unlike those of previous years, either in kind, in degree of suffering or in number of applications, we are aware that it has been owing to active agencies outside of the department which have relieved us of a burden that otherwise must have fallen more heavily upon us.

The recent vote of the town by which employment has been supplied to the workingmen later in the winter than usual, has been helpful to many who were dependent upon them. Churches and societies have sent trusted ones to minister to the needs of those who were known to them, while other volunteer charities, both organized and private,

have aided many worthy families, who were without friends known to them.

By their personal service and by volunteer visiting, they have brought these to the notice of generous citizens, who have shared of their means with them. We are knowing of individuals, personally known to poor persons, who have helped such in their own quiet way.

As the hard times are likely to increase, and it is believed that others may come to need, it is hoped, that in some way, they may be referred to these kind workers, who will investigate thoroughly, and obtain the needed relief.

The auditor's report of the expenses of this department may be found elsewhere, as shown in the table of contents.

H. G. FIELDS,

T. T. NOWELL,

MARTHA D. BALE,

Overseers of the Poor.

Report of Superintendent of Streets.

To the Honorable Board of Selectmen :

GENTLEMEN:— In answer to your request I respectfully submit the following report of the work done and the distribution of labor for the year ending December 31, 1893.

Distribution of Labor on Streets.

(Accounted for by Highway Pay Roll).

Batchelder street, gravelling and rolling, . . .	\$251 38
Baxter street, gravelling and rolling, . . .	52 62
Bellevue avenue, picking up, gravelling and rolling,	408 38
Beverly street, grading and rolling, . . .	127 00
Botolph street, gravelling, 50 feet eight-inch drain pipe, one catch basin,	30 50
Chestnut street, gravelling and rolling, . . .	97 38
Cottage street, gravelling and rolling, . . .	31 50
Day street, grading, widening and rolling, 200 feet of eight-inch drain pipe, one catch basin, . .	172 51
East street, grading, widening and rolling, . . .	598 98
Elm street, gravelling and rolling,	91 43
Emerson street, east, gravelling and widening, 40 feet of eight-inch drain pipe, two catch basins,	185 88
Emerson street, West, gravelling and rolling, . .	80 75
Essex street, gravelling and rolling, one catch basin,	40 63
Ferdinand street, gravelling,	5 75
<i>Amount carried forward,</i>	\$2,174 69

<i>Amount brought forward,</i>	\$2,174 69
Florence street, 200 feet eight-inch drain pipe,	23 75
Foster street, gravelling and rolling,	133 50
Franklin street, gravelling and rolling, stone crossing, 140 feet eight-inch drain pipe, three catch basins,	305 63
Gooch street, gravelling and rolling, one catch basin,	17 00
Green street, gravelling and rolling, one catch basin,	186 00
Grove street, picking up and rolling,	111 50
Highland avenue, one catch basin,	5 00
Howard street, widening, grading and rolling, 10 feet of ten-inch drain pipe,	1,042 64
Hurd street, gravelling and rolling,	15 75
Lebanon street, gravelling, rolling, removing ledge, building sidewalk, 36 feet ten-inch drain pipe, 30 feet six-inch drain pipe, 30 feet eight-inch drain pipe, three catch basins,	532 81
Linden street, gravelling and rolling,	99 87
Linwood avenue, gravelling, 60 feet six-inch drain pipe, three catch basins,	110 25
Lynde street, gravelling and rolling, cutting down near Main street,	34 75
Malvern street, picking up and rolling,	13 00
Main street, center, 50 feet ten-inch drain pipe, one stone culvert,	53 25
Main street, south, picking up, gravelling and rolling,	200 25
Main street, north, widening, grading, removing ledge and rolling,	576 69
Maple street, grading, gravelling and rolling,	248 38
Oakland street, gravelling,	11 00
Orient avenue, cutting down, grading and rolling,	87 50
<i>Amount carried forward,</i>	\$5,983 21

<i>Amount brought forward,</i>	\$5,983 21
Otis street, gravelling and rolling,	85 00
Pleasant street, repairing culvert,	8 75
Porter street, gravelling and rolling, 30 feet eight inch drain pipe, one catch basin,	88 50
Rowe street, gravelling and rolling,	111 00
Sargent street, gravelling and rolling,	143 75
Sewall's Woods road, rolling,	6 00
Summer street, gravelling and rolling,	91 69
Sanford street, 492 feet eight-inch drain pipe, 208 feet ten-inch drain pipe,	
Tappan street, 350 feet six-inch drain pipe, four catch basins,	80 75
Third street, gravelling, grading and rolling, 10 feet ten-inch drain pipe, 75 feet six-inch drain pipe, two catch basins,	301 13
Tremont street, stone culvert,	50 63
Upham street, picking-up, gravelling, rolling, cut- ting-down near Sewall street, 50 feet 10-inch drain pipe,	271 75
Vine street, gravelling and rolling,	60 50
Vinton street, cutting down near Oakland street, gravelling and rolling from Emerson to Franklin streets, and gravelling and rolling in front of Vinton street school-house, 300 feet 8-inch drain pipe, two catch basins,	698 87
Walnut street, gravelling and rolling, seventy-five feet 10-inch drain pipe, one catch bain,	38 62
Walton park, gravelling and rolling, stone culvert	144 25
Warren street, gravelling and rolling,	31 00
Washington street, building extension from end of rubber shop to Malden line, rolling, forty feet 15-inch drain pipe, two catch basins,	1,185 51
<i>Amount carried forward,</i>	\$9,380 91

<i>Amount brought forward,</i>	\$9,380 91
West Hill avenue, gravelling and rolling, 359 ft.	
8-inch drain pipe, three catch basins,	123 00
Whittier street, gravelling and rolling, thirty feet	
15-inch drain pipe,	163 50
Willow st., cutting down, gravelling and rolling,	14 75
Woodland avenue, gravelling and rolling,	9 75
Wyoming avenue, gravelling and rolling,	53 00

General Repairs.

Scraping streets, cleaning catch basins, sprinkling	
streets, cleaning streets, repairs after storms,	
and small work,	1,787 34

Snow.

Plowing-out sidewalks and gutters, removing deep	
snow and sanding sidewalks,	1,203 18

Steam Roller.

Repairing,	3 00
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Stone Breaker.

Cleaning and greasing,	9 00
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Brooks.

Ell pond brook, cleaning out,	64 50
Spot pond brook, cleaning out,	16 00

Trees.

Trimming trees,	49 56
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Total amount of pay roll, \$12,877 49

Concrete Crossings.

Botolph st. and Summit ave.,	19.3	sq. yds. at 60c.	\$11 58
Cedar park,	27.2	" "	16 32
Charles st. at Emerson st.,	24.78	" "	14 87
Emerson st. at Poplar st.,	15.8	" "	9 48
First st. at Lebanon st.,	15.5	" "	9 30
First st. at Parker st.,	39.0	" "	23 40
Franklin st. at Vinton st.,	23.8	" "	14 28
Franklin st. at Garden st. }	133.2	" "	79 92
Warren st. & Chipman av. }			
Franklin st.,	43.28	" "	25 97
Florence st. at Sanford st.,	25.5	" "	15 30
Foster st. at Dell ave.,	21.1	" "	12 66
Howard st. at Elm st.,	30.6	" "	18 36
Main st.,	28.0	" "	16 80
Melrose st. and Vinton st.,	30.6	" "	21 96
Melrose st. and Melrose pl.,	57.5	" "	34 50
Orient ave.,	43.3	" "	25 98
Porter st. at Linden st.,	24.5	" "	14 70
Trenton st. at Chester st.,	53.6	" "	32 16
Trenton st. at Russell st.,	33.3	" "	19 98
Upham st. at Sewall st.,	15.2	" "	9 12
Upham st. at Gooch st.,	14.4	" "	8 64
Vinton st., at Youle st.,	49.8	" "	29 88
West Hill ave.,	23.3	" "	13 98
Wyoming ave. at Cottage st.,	32.0	" "	19 20
Wyoming av. at Trenton st.,	24.1	" "	14 46
Wyoming av. at Florence st.,	44.3	" "	26 58
898.96			\$539 38

Concrete Gutters.

Botolph st.,	341.05 sq. yds. at 60c.	\$204 63
Cedar park,	81.90 " "	49 14
East Emerson st. & Upham st.	68.86 " "	40 11
West Emerson st.,	384.3 " "	230 58
First st.,	159.6 " "	95 76
Franklin st.,	6.1 " "	3 66
Linden st.,	153.4 " "	92 04
Mt. Vernon st.,	44.12 " "	26 47
Poplar st. at Emerson st.,	8.32 " "	4 99
Vinton st. at Maple st.,	89.6 " "	53 76
Vinton, Oakland & Youle st.,	21.9 " "	13 14
West Hill ave.,	258.6 " "	155 16
Walton park,	203.8 " "	122 28
Walnut st.,	64.3 " "	38 58
Woodland ave.,	184.2 " "	110 52
Wyoming ave.,	219.00 " "	125 40
2,287.05		\$1,366 22

Concrete around Catch Basins.

Winthrop and Myrtle st.,	34. sq. yds. at 60c.	\$20 40
Linwood ave.,	7. " "	4 20
Tappan and Baxter sts.,	41.01 " "	24 61
82.01		\$49 21

Top Dressing, Gutters and Crossings.

Emerson st. at Poplar st.,	24. 1 sq. yds., @ .25,	6 02
Mt. Vernon street,	44.12 " @ .30,	13 24
Wyoming avenue,	444. 7 " @ .25,	111 17
512.92		\$130 43

Summary of Bills Paid.

Blacksmithing,	\$270 74
Coal and wood for roller and drill,	383 18
Covering stone,	178 10
Catch-basin covers,	78 00
Damages, widening East street,	50 00
Drain pipe,	100 23
Dynamite, etc.,	72 76
Gravel,	745 85
Lumber and carpenter work,	203 33
Miscellaneous,	169 32
Oil and supplies for roller and drill,	48 09
Roller, repairs on steam,	137 86
Setting edge stones,	91 12
Snow, removing and plowing,	414 90
Superintendence,	833 30
Surveying,	193 00
Steam boiler, use of,	28 00
Tools,	99 26
	\$4,097 04

Recapitulation.

Total amount of pay roll,	\$12,877 49
“ for concrete gutters,	1,366 22
“ for concrete crossings,	539 38
“ for concrete around catch basins,	49 21
Total amount for top dressing,	130 43
“ of bills paid,	4,097 94
	\$19,059 77

Total amount of highway appropriations and balance,	\$16,141 22	
Total amount of highway receipts,	3,188 53	
		19,329 75
Total amount paid out of highway appropriations and receipts,		19,059 77
Balance,		\$269 98

NOTE.—A detailed statement of these bills can be seen in the auditor's report.

Tools and Apparatus belonging to the Department.

One steam roller, one sectional roller, one street scraper, one watering cart, stone breaker and plant, one steam drill and equipments, set of blacksmith's tools, one forge, eighteen shovels, eighteen picks, four mattocks, four post spoons, six hammers, eight steel bars, eight drills, four wheelbarrows and nine snow plows.

The amounts expended on the more extensive improvements during the year are as follows:

East Street.

This street was widened to forty feet, graded, gravelled, and rolled its entire length.

Labor, per pay roll,	\$598 98
Coal and wood,	11 03
	\$610 01

Howard Street.

This street was widened to fifty feet, graded, gravelled and rolled from Green street to the Saugus line.

Labor, per pay roll,	\$1,042 64
Surveying,	15 00
Gravel,	78 00
Dynamite, etc.,	2 00
Covering stone,	15 00
Drain pipe,	1 60
Coal and wood,	18 00
	\$1,172 24

Lebanon Street.

This street was cut down between Beach and Park streets, a ledge removed, graded, gravelled and rolled, and a sidewalk built near Malden line.

Labor, per pay roll,	\$532 81
Surveying,	3 00
Dynamite, etc.,	35 65
Use of boiler,	20 00
Coal and wood,	35 13
Drain pipe and catch basin covers,	27 60
	\$654 19

Main Street Widening (North).

This street was widened, graded, gravelled and rolled and a ledge removed between Franklin street and Wakefield line.

Labor, per pay roll,	\$576 69
Surveying,	2 00
Use of boiler,	8 00
Dynamite, etc.,	14 40
Coal and wood,	12 25
	\$613 34

Vinton Street.

This street was cut down between Oakland and Otis streets, graded, gravelled and rolled from Emerson street to Youle street, Perkins street to Franklin street, and in front of Vinton street school house, and drain pipe laid.

Labor, per pay roll,	\$698 87
Gravel,	40 00
Drain pipe and catch basin covers,	45 00
Coal and wood,	15 50
	\$799 37

Washington Street.

This street was laid out and built from the end of Boston Rubber Shoe Company's factory to Malden line, gravelled and rolled.

Labor, per pay roll,	\$1,185 51
Surveying,	12 00
Gravel,	115 75
Drain pipe and catch basin covers,	25 00
Coal and wood,	10 00
	\$1,348 26

Snow.

The amount expended for plowing sidewalks, removing deep snow and sanding walks was as follows:

Labor, per pay roll,	\$1,203 18
Labor done by outside parties,	414 90
	\$1,618 08

Special Appropriations.

See auditor's report in regard to Perkins street, Main street widening (center), and concrete sidewalks.

WALTER B. ELLIS,

Superintendent of Streets.

Statistics of Births, Marriages and Deaths

REGISTERED IN THE TOWN CLERK'S OFFICE

FOR THE YEAR 1893.

	Births.	Marriages.	Deaths.
January,	20	10	14
February,	25	9	12
March,	20	4	10
April,	16	20	16
May,	21	9	11
June,	21	23	10
July,	17	2	10
August,	18	4	26
September,	20	15	8
October,	21	9	19
November,	15	19	11
December,	24	6	11
	238	130	158

BIRTHS.

Number registered,	238
Less than last year,	10
Males,	113
Females,	125
	238

Of the above number 232 were born in Melrose and 6 were born in other places.

Born of American parents,	109
" foreign parents,	76
" American father and foreign mother,	31
" foreign father and American mother,	22
	238

INTENTIONS OF MARRIAGES RECORDED.

Whole number of couples,	128
Both parties residing in Melrose, . . .	77
But one party residing in Melrose, . . .	49
Neither party residing in Melrose, . . .	2
	128

MARRIAGES.

Whole number,	130
More than last year,	25
Both parties American,	72
Both parties foreign,	34
Parties American and foreign,	24
	130
First marriage of persons,	229
Second marriage of persons,	29
Third marriage of persons,	2
	260
Total number of couples,	130

DEATHS.

Whole number registered,	158
Less than last year,	10
Had residence in Melrose, died elsewhere, . . .	11
Had residence elsewhere, died in Melrose, . . .	3
Males (married),	30
Females (married),	25
Widows,	12
Widowers,	9
Males (single),	12
Females (single),	16
Male children,	23
Female children,	31
	158

Under one year (still-born or premature birth, 11,)	36
From 1 to 5,	13
" 5 to 10,	4
" 10 to 20,	4
" 20 to 30,	13
" 30 to 40,	17
" 40 to 50,	15
" 50 to 60,	14
" 60 to 70,	13
" 70 to 80,	15
" 80 to 90,	12
Over 90,	2
	158

REGISTRATION OF VOTERS.

Total number as per last report,	2,017
Registered previous to annual meeting:	
Feb. 23,	10
Mar. 1,	18
Apr. 19,	24
	2,069
Erased on account of deaths and removals,	17
	2,052
Erased in September, on account of removals, names not appearing upon lists as submitted by the board of assessors,	194
Deaths from April to October,	15
	209
Total number of male voters,	1,843
Divided as follows:	

Precinct 1, Highlands.	Precinct 2, Centre.	Precinct 3, Wyoming.
364	813	666
Registered and restored previous to November meeting:		
Oct. 12, 8	23	18
" 19, 46	2	
" 26, 3	16	65
Nov. 1, 25	36	44
446	890	793
		Total, 2,129

Total number assessed polls.	Registered males.	Females.
Precinct 1, 634	446	10
" 2, 1,141	890	30
" 3, 1,231	793	6
3,006	2,129	46

JURORS DRAWN DURING THE YEAR.

January 26, 1893.	Moses W. Lester (Grand Juror), Jerome B. Johnson, Joseph C. Bowker.
March 1, 1893.	Ansel B. Pierce, Alvah M. Davis.
June 6, 1893.	William A. Dole, Willie F. Phipps.
April 4, 1893.	James O. Lynde.
August 29, 1893.	Fred W. Jacobs, Jonathan C. Howes, George M. Hall.
Nov. 28, 1893.	Arthur C. Currier, John Dexter.

MILITARY LIST.

Number of persons liable to do military duty, as reported by the assessors,	2,248
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DOG LICENSES.

Total number issued,	.	.	.	.	.	.	529
For males,	.	.	.	.	.	.	478
For females,	.	.	.	.	.	.	49

 527

To breeders of dogs,	.	.	.	.	.	2
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 529

Breeders' licenses issued to

Eugene H. Moore, . . . \$25 00

H. V. Jamieson, . . . 25 00

 \$50 00

Paid county treasurer:

June 1, 1893, . . . \$609 60

November 28, 1893, . . . 535 60

 \$1,145 20

 TO THE CITIZENS OF MELROSE.

In March, 1873, twenty-one years ago, you elected me to the office of town clerk. Since that time my elections have been practically unanimous. I cannot express in words my gratitude for your continued confidence and expressions of good will. With the increase in population the duties of the office have largely increased, and I now find that I cannot give the time and attention which it demands. I shall therefore, decline to be a candidate for the office in the coming election.

Thanking you again for your kindness and courtesy during this long term of service, I remain,

Very respectfully yours,

JOHN LARRABEE.

REPORT OF THE TRUSTEES

OF THE

MELROSE PUBLIC LIBRARY

FOR THE

YEAR ENDING DECEMBER 31, 1893.

MELROSE:
DUNTON & POTTER, PRINTERS, REPORTER OFFICE.
1894.

TWENTY-THIRD ANNUAL REPORT
OF THE
TRUSTEES OF THE MELROSE PUBLIC LIBRARY
FOR THE YEAR ENDING DECEMBER 31, 1893.

The trustees of the public library respectfully present their twenty-third annual report. The removal of the school committee to their new quarters in the Mary A. Livermore school house has given to the reading room the sole use of the room in which it formerly had control of a share only, and the public have gladly availed themselves of their acquisition. The number of visitors has increased from 13,977, in 1892 to 15,641. The pupils of the public schools form a large proportion of this increase, and they use the maps, dictionaries and books of reference with which the room is supplied. The remaining new visitors are those who come to read the periodicals and newspapers.

The library was closed from July 17th to Aug. 7th, for needed repairs, and during this time no books were distributed. This accounts for the loss in circulation, which is 32,197 this year as against 34,093 in 1892. The whole number of new cards issued this year is slightly in advance of the number of last year, and the circulation reckoned on the time the library has been open has likewise increased.

The two new classified bulletins printed this year were asked for before their appearance, and they save the hard-used and fast-disappearing catalogue.

The librarian places on a shelf by her desk the new books, and the readers can look them over and select from them for home use. Many libraries accord the privilege of going among the alcoves and selecting books after a slight examination of the contents. There is no better way of advertising the best books. Works of fiction and books of travel get into circulation at once because they are pleasing; scientific works in this inventive, money-making age do not long remain unread; biographies, histories and poetry make friends more slowly, they must attract by an anecdote, an entertaining letter, by a picture or a taking bit of rhyme before the reader will carry them home, and this appeal can only be made when they are opened and the contents seen. A revolving bookcase holds the books which are for the examination of young people. The new shelves are set up and are beginning to be filled. The books bought previous to 1883 have been carefully examined by the trustees, and those whose usefulness had ceased or which were worn out and were not to be replaced, have been taken out. Additions have been made to the furniture of the library and the room presents a more attractive appearance.

A new registration was begun in January, 1893; that is as the cards used in asking for books were renewed by the librarian, each card received a new number and was marked with the figure 2, which showed it to be one of the second registration. The library is in its twenty-fourth year, and the custom has been to add the cards issued to new readers to those already in circulation, and assume this sum to be the number of persons using the library. In time this has become incorrect because no reduction was made for those cards held by families who left town, nor those lost or worn out and not renewed. The new registration has reached 1,300, and in the statistics this is assumed to be the number

now using the library, though it is far below the actual number since the registration is still going on.

The number of books distributed at the local delivery station, at the Highlands, since its opening in December, 1892, is 2,095. This warrants the trustees in keeping the station open for a longer time. When the library was closed for repairs, some of the readers who take books only at the Highlands, believed the delivery there was permanently closed. To correct this mistake the local papers have, recently, called the attention of the public to the fact that it is open and should be used, if desired, by the people at the Highlands.

The library is to receive, on the settlement of the estate of the late William Bailey, a handsome gift, only the interest of which can be used for its needs. This is the second time it has been remembered by citizens of the town with generous bequests, and it hopes, by increased usefulness, to merit this appreciation of its efforts.

The trustees must not hesitate in any times to speak of the need of a library building which shall supply our citizens with the opportunity for instruction and rational entertainment which most Massachusetts towns now furnish. The pressing want of last year has been only partially met by the increased room in the reading-room, and by the new arrangements in the library. There are many improvements which the trustees would be glad to undertake, but which it seems impossible to begin where we now are. The classification of the library is one. The question of what to do with the increased number of books will come up again in a short time, and cannot be answered forever by packing more closely and crowding more on the room given to readers. We hope the way to provide for the library, when it shall be

absolutely forced out of its present location, is a care to others as well as to the trustees.

The Horatio Nelson Perkins fund has bought for the library the 14th volume of the "Life of Washington."

The William Emerson Barrett fund has given the library the "Hand-book of Ornament; a grammar of art, industrial and architectural designing."

We kindly thank the donors of various books and periodicals, which have been sent to the library and reading-room, and the Melrose Journal and Melrose Reporter for printing whatever notices we have needed free of expense.

For the expenses of the year 1894 the trustees respectfully ask the town for \$1,000 and the dog tax.

Respectfully submitted,

MARY L. CHARLES,

Secretary.

ELBRIDGE H. GOSS,
CHARLES C. BARRY,
CHARLES A. PATCH,
RUBY F. FARWELL,
GEORGE E. MUNROE,
MARY L. CHARLES,

Trustees.

STATEMENT OF THE HORATIO NELSON PERKINS FUND.

JANUARY 1, 1893, TO JANUARY 1, 1894.

CR.

By balance on hand Jan. 1, 1893, . . .	\$516 00
Interest from Melrose Savings bank, . . .	20 54
	\$536 54

DR.

To cash paid G. P. Putnam's Sons, books, . . .	\$10 00
Balance on hand,	526 54
	\$536 54

STATEMENT OF THE WILLIAM EMERSON BARRETT FUND.

JANUARY 1, 1893, TO JANUARY 1, 1894.

CR.

By balance on hand Jan. 1, 1893, . . .	\$69 38
Interest from Melrose Savings bank, . . .	2 78
	\$72 16

DR.

To cash paid Hessling & Co., books, . . .	2 70
Balance on hand,	69 46
	\$72 16

CATALOGUE FUND.

CR.

By balance on hand, Jan. 1, 1893, . . .	\$236 34
Fines collected by librarians in 1893, . . .	99 28
From appropriation,	150 00
Interest from Melrose Savings bank, . . .	13 62
	\$499 24

DR.

Balance on hand,	\$499 24
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Respectfully submitted,

CHARLES A. PATCH, Treasurer.

STATISTICS FOR 1893.

No. of volumes in the library Jan. 1, 1893,	.	9,729
“ purchased in 1893,	. 459,	
“ donated “	. 5,	
	—	464
“ in the library Jan. 1, 1894,	.	10,193
No. of persons using the library Jan. 1, 1893,	.	4,536
“ cards issued in 1893,	. 445,	
“ cards relinquished in 1893,	. 15,	430
“ persons using library Jan. 1, 1894,	. .	1,300
“ volumes replaced in 1893,	. . .	144
“ “ rebound “	. . .	532
“ magazines bound in 1893,	. . .	58
Largest number of books issued in one day,	.	334
Smallest “ “ “ “	.	30
Average “ “ “ on Monday,	.	105
“ “ “ on Wednesday,	.	99
“ “ “ Saturday,	.	265
Whole “ “ “ February,	.	3,033
“ “ “ May,	. .	2,755
“ “ “ August,	. .	1,746
“ “ “ November,	. .	3,169
“ “ “ 1893,	. .	32,157
No. of persons using reading room in 1892,	.	13,977
“ “ “ 1893,	.	15,641
Largest number of visitors in one month,	. .	1,807
Smallest “ “ “	. .	830
“ “ “ one day,	. .	125
Books brought from library for use in reading room,		201
Books taken on teachers' cards,		215

PERIODICALS IN THE READING ROOM.

- American Agriculturist.
 American Architect and Building News.
 American Naturalist,
 Arena,
 Art Amateur,
 Art Magazine, Cassell's.
 Atlantic Monthly Magazine.
 Century Monthly Magazine
 Chautauquan.
 Cottage Hearth, F. P. Shumway, Jr.
 Cosmopolitan Magazine, A friend.
 Engineering, W. H. Wiley.
 Family Magazine, Frank Harrison.
 Forest and Stream.
 Forum.
 Garden and Forest.
 Gartenlaube.
 Harper's Monthly Magazine.
 " Bazar.
 " Weekly.
 " Young People.
 Kindergarten Magazine.
 Littell's Living Age.
 London Illustrated News.
 London Punch.
 Literary World, Daniel Jefferson.
 Magazine of American History.
 Munsey's Magazine, A friend.
 Nation.
 North American Review.
 New England Magazine.
 Outing Monthly Magazine.
 Overland.

Popular Science Monthly.

Review of Reviews, . . . Mrs. Ruby F. Farwell.

School Review.

Scientific American.

Scientific American Architect and Builder.

Science.

Scribner's Monthly Magazine.

Shorthand Magazine, . . . Frank Harrison.

St. Nicholas.

World's Illustrated Columbian Exposition Journal.

PAPERS IN READING ROOM.

Christian Register, . . . W. F. Conant.

Cincinnati Gazette.

Chicago Inter-Ocean.

Charleston News and Courier.

London Weekly Times.

Louisville Weekly Courier-Journal.

Melrose Journal, . . . Charles H. Adams.

Melrose Reporter, . . . Dunton & Potter.

National Tribune, G. A. R.

New York Tribune, Weekly.

Pilot.

San Francisco Call.

Springfield Republican, Weekly.

Woman's Journal, . . . Mrs. Mary A. Livermore.

Youth's Companion.

DONATIONS.

Pamphlets.

Number of pamphlets in library, Jan. 1, 1893,	.	.	1,410
Annual report of Beverly public library,	.	.	1
" " " Brockton " "	.	.	1
" " " Cincinnati " "	Ohio,	.	1
" " " Cleveland " "	Ohio,	.	1
" " " Clinton " "	.	.	1
" " " Concord " "	.	.	1
" " " Everett " "	.	.	1
" " " Holbrook " "	.	.	1
" " " Lancaster " "	.	.	1
" " " Leicester " "	.	.	1
" " " Malden " "	.	.	1
" " " Manchester " "	.	.	1
" " " Manchester " "	N. H.,	.	1
" " " Newton " "	.	.	1
" " " Providence " "	R. I.,	.	1
" " " Salem " "	.	.	1
" " " Somerville " "	.	.	1
" " " Springfield " "	.	.	1
" " " Waltham " "	.	.	1
" " " Warren " "	.	.	1
" " " Woburn " "	.	.	1
" " " Worcester " "	.	.	1
" " " Peabody Institute,	.	.	1
The Tuftonian,	.	.	17
Official Gazette of the U. S. Patent Office,	.	.	52
Mass. Institute of Technology; its foundation and equipment,	.	.	1
Law of the Roadside,	.	.	1
<i>Carried forward,</i>	.	.	1,504

<i>Brought forward,</i>	1,504
Mexico! Si Senor—F. M. Souther,	1
Sketch of the Life of Caleb D. Bradlee,	1
Sixty-seventh Anniversary of General Conference of Congregational churches in Maine—C. N. Chapin,	1
Littell's Living Age for 1891-92—Miss S. A. Cheever,	52
Popular Science Monthly for 1891-2—Miss Sarah A. Cheever,	12
A Conference on Manual Training,	1
	1,572

Books.

Atlas of Massachusetts,—Commissioners' Office, Boston.
 Memorial address of James G. Blaine—Hon. W. E. Barrett.
 Elizur Wright's Appeals for the Middlesex Fells—Miss Ellen
 Wright.
 Complete works of Thomas Dick, 3 vols.—Mr. H. B. Upham.
 Poor Richard's Sayings, illustrated—Mr. Osmore Jenkins.

CARRIE M. WORTHEN, *Librarian.*

ANNUAL REPORT

OF THE

SCHOOL COMMITTEE

AND THE

SUPERINTENDENT OF SCHOOLS

OF THE

TOWN OF MELROSE,

FOR THE

YEAR ENDING DECEMBER 31, 1893.

MELROSE :

DUNTON & POTTER, PRINTERS, REPORTER OFFICE.

1894.

SCHOOL COMMITTEE.

JOHN O. NORRIS,	.	.	.	.	Term expires 1896.
MRS. GEORGE H. DEARBORN,	.	.	.	.	" 1896.
MRS. GEORGE F. MACDONALD,	.	.	.	.	" 1895.
MR. W. D. STEWART,	.	.	.	.	" 1895.
*MRS. A. K. MILLER,	.	.	.	.	" 1894.
MR. JOHN C. MAKER,	.	.	.	.	" 1894.

SUB-COMMITTEES.

On Accounts.

MR. STEWART.
MR. MAKER.
MR. NORRIS.

Centre District.

MRS. MILLER.
MRS. DEARBORN.
MRS. MACDONALD.

On High School.

MR. NORRIS,
MRS. MILLER.
MR. MAKER.
MRS. DEARBORN.
MR. STEWART.
MRS. MACDONALD.

Highlands District.

MRS. DEARBORN.
MR. MAKER.
MR. STEWART.

Wyoming District.

MR. MAKER.
MRS. MACDONALD.
MRS. DEARBORN.

Text Books and Course of Study.

MR. NORRIS. MRS. MILLER. MR. STEWART.

Superintendent of Schools.

B. F. ROBINSON.

*Resigned Dec., 1893.

SCHOOL CALENDAR, 1893-94.

Fall Term.—Sixteen weeks; began Sept. 5th, 1893; closed Dec. 22d, 1893.

Winter Term.—Seven weeks; begins Jan. 2d, 1894; closing Feb. 16th, 1894.

Spring Term.—Eight weeks; begins Feb. 26th, 1894; closing April 20th, 1894.

Summer Term.—Nine weeks; begins April 30th, 1894; closing June 29th, 1894.

Fall Term.—Sixteen weeks; begins Sept. 4th, 1894; closing Dec. 21st, 1894.

The school holidays are as follows: every Saturday, New Year's day, Washington's birthday, Fast day, Memorial day, June 17th, Thanksgiving day and Christmas day.

Report of Superintendent of Schools.

To the School Committee of Melrose,

LADIES AND GENTLEMEN:—I hereby submit for your consideration my first annual report on the condition of the public schools of Melrose, which is the fourth annual report of the superintendent of schools of this town. By vote of your committee this report is to constitute the report of the school committee, hence some portions of it may seem to be addressed quite directly to the citizens of the town as well as to your board.

SCHOOL ATTENDANCE.

The tabular statement which appears in another part of this report reveals the fact that there is at present an enrollment of 1,906 pupils in our schools, with a present attendance of 1,818, and a comparison of these figures, with those of other years, will enable one to form a definite idea of how the town is growing.

In 1874 the town report showed a total attendance of 785 scholars. Ten years later there were 987, showing an increase of 202, or a little over twenty-five per cent.

Ten years since 1884 has made a remarkable change in the state of affairs, as during that time the increase has been nearly eighty-five per cent., with a total increase since 1874 of over 131 per cent. This increase in the school population is certainly very gratifying, looking at it from one stand-

point, but it means increased responsibility on the part of the school authorities, and an increase in school expenses, that to some may seem disproportionate, but which, when the requirements of the present systems of heating, ventilation, etc., are carefully considered, are certainly very reasonable.

The improvement of transportation facilities is bringing this town nearer to Boston every year, and it is only reasonable to expect as rapid a growth during the coming decade as that of the past, and it behooves the school authorities to keep this fact constantly in mind when making provision for the future. Comparing the number attending the High school, we find 86 in attendance in 1874, with an increase to only 99 in 1884, or about fifteen per cent., while the following ten years shows a gain of nearly one hundred and thirty-seven per cent., and a total gain in the twenty years of more than one hundred and seventy-two per cent., the present number being 234.

TEACHERS.

In the Highlands district the new Warren street school-house has been completed, and one upper room is now occupied by the seventh and eight grades, in charge of Miss Mendum, who was formerly principal of the Franklin school; the sixth grade in charge of Miss Mitchell, has been removed from the old Green street building to one of the upper rooms, and the first three primary grades, under Miss Plummer, have been transferred from the West school to one of the lower rooms.

There is still one room unoccupied, but the crowded condition of both Miss Mendum's and Miss Plummer's rooms, and of Miss Field's room, at the Franklin building, make it apparent that the remaining room, at Warren street, will

soon have to be utilized. The question of properly grading and assigning the schools is one that will be more difficult to solve than it would be were all the Highlands schools located in one eight-room building. The old West school has been abandoned, and as it will probably never be used again for school purposes, it would seem that the amount of money it would bring, if sold, could be better invested in some other location.

The Franklin school is now in charge of Miss Guptill, who teaches the fifth grade, with the other grades in charge of the same teachers as one year ago.

At Upham Hill, a change in the principalship was made because of the transfer of Miss Smith to the D. W. Gooch school, and Miss Inez H. Libbey, of Chelsea, is now in charge of the building, and teaching the sixth and seventh grades, while the other schools have the same teachers, Miss Chadbourne, Miss Lawrence and Miss Coyle.

The alterations that were in progress at the D. W. Gooch school were completed and two additional schools opened there in May, a first grade in charge of Miss Taylor, and a fifth grade to which Miss Long was assigned; Miss Call being transferred to the fourth grade. In September a sixth grade was established and Miss Smith was taken from Upham Hill and placed in charge of this school and the building.

Miss White resigned the second grade at the Centre school, and Miss M. I. Coggeshall was elected to that position at the beginning of the year. The Ripley, Converse, Grove street and Mary A. Livermore schools all have the same corps of teachers as last year; no changes or additions having been made.

After the transfer of the fifth grade from the Lynde street school it was found necessary to open another first grade in

that building; the number of scholars in that grade being too large to be accommodated at the Centre and Grove street buildings, and Miss Rosamond Heath was placed in charge.

The high school has the same number of teachers and the same teachers as one year ago. Owing to ill-health, the principal, Mr. Whitman, was obliged to be out during the spring and fall terms, but having regained his health he returned after the Thanksgiving recess and is now performing his accustomed duties as of old. Mr. O. L. Watkins had charge of the school until the close of the school year in June with apparent good success. Mr. Frederick Reed, a graduate of Harvard, was placed in charge the first of September, and taught until Mr. Whitman's return in November. Mr. Reed was popular with teachers and scholars, and his work was highly satisfactory.

This may be as good a place as any to say that at least one more teacher is very much needed in the high school, as nearly the entire time of principal, as well as all the other teachers, is occupied in teaching, giving very little time to look after the details that have so much to do with the general welfare of the school, and giving the principal no time to exercise a wise and helpful supervision over all departments, the good results of which would, I believe, soon be apparent.

My observations of the past few months have convinced me that, with very few exceptions, our teachers are thorough, painstaking and conscientious in their work, and the little friction in matters of discipline is sufficient evidence of their tact and good judgment.

SCHOOL HOUSES.

Within the past five years a large number of rooms have been added to the school house capacity of the town, by additions at the Grove street and D. W. Gooch schools, of

four rooms each, the changes at the High school, and the building of three new four-room buildings on Upham Hill, Warren street, and the Mary A. Livermore school on Main street. There are in all of these buildings at the present time but two vacant rooms, one in the Warren street building, and one in the D. W. Gooch building. Most of our schools are large, some of them very much crowded, and it is evident that further accommodations will have to be provided within a year or two, as both of the vacant rooms will probably have to be opened this fall, if not before.

SWAIN'S POND.

There are at the present time twenty-eight scholars attending school in Malden from the Swain's pond district, which means an annual outlay of seven hundred dollars (\$700) for tuition. This seems like a large sum to pay out for tuition, and it certainly is a question that should be considered carefully, as to whether another school should not be established there.

The present building is not large enough to allow of any partitioning off so as to make it possible to accommodate two schools therein, and to make the necessary alterations or additions means an expenditure of several thousand dollars, and the interest on this amount, with the necessary expense of supporting the school, would amount to considerable more than the sum now paid for tuition. The people are generally pretty well satisfied with the present arrangement, as the schools at Maplewood are near at hand, and the pupils get the advantages of graded schools, while with another school established there each teacher would be obliged to teach four grades, and the results would not be quite equal to those obtained in rooms more closely graded. It is a subject for consideration. A state of affairs exists in

one building, however, that should receive immediate consideration, and that is at the

HIGH SCHOOL.

I notice that in the annual reports of the superintendent of schools for two years past your attention has been specially called to the crowded condition of this school, and the present conditions are worse than ever before owing to the large increase in numbers. If the usual percentage of the present eighth grade classes (ninety-two), enters the high school, with a graduating class that numbers only thirty-nine to leave that school, we can easily see that something will probably have to be done to furnish temporary accommodations.

The present high school building is certainly far behind what the times demand for a school of that grade in a town like Melrose; a town already aspiring, and, in fact, expecting soon to be made a city.

Even allowing that the seating capacity is sufficient, so that by pressure fifty more scholars could be crowded in, it is an indisputable fact that better hygienic surroundings, better recitation rooms and better laboratory facilities are absolutely necessary. The system of heating and ventilation, while effective as far as keeping the pupils warm is concerned, is not such as to give the scholars the amount of fresh air which is necessary for the best work and perfect health.

Rooms are being used for recitation rooms that never were intended for that purpose and are entirely unfit for such use, and the best results can hardly be attained when a class of from twenty to thirty is crowded into a room ten or twelve feet square, or partially crowded in, while a part remain in the hall, getting as near the recitation room door

as possible, yet this is what has been done in our high school. Regarding laboratory facilities they are altogether inadequate for present classes, the room now used for laboratory work being so small that but few scholars can be accommodated at one time, necessitating the division of classes into small sections, and this takes more of the time of the instructor in this department than would be necessary with better accommodations.

The present arrangement, moreover, makes it necessary to use the same room for both a physical and chemical laboratory, the fumes and gases from the chemical experiments penetrating the adjacent rooms, making it disagreeable for scholars not engaged in the laboratory work, and the teacher who has charge of this department assures me that these same fumes and gases are seriously affecting, and will speedily ruin, some valuable physical apparatus which it is necessary to keep in the room under existing conditions.

The young men connected with the school are beginning to call for some accommodations in the shape of a room where they can have some advantages in the line of physical culture, if indeed they cannot hope for a fully equipped gymnasium, and this is a feature of the problem that deserves some consideration, as well developed intellects go with healthy and well developed bodies, and both the boys and girls of the school should have a chance to enjoy the advantages of a well equipped gymnasium.

In this connection a further word regarding the work in all the schools in

PHYSICAL CULTURE.

Nearly all of the teachers are having physical exercises in their schools, and many of them have been doing most excellent work, but there is a lack of system which would

come and make its good effects felt if the teachers and schools could have the benefit of instruction from a special teacher, even for a short time.

TRUANCY.

During the first few months of the present school year many complaints were received from a few teachers regarding truants, and I made a special effort to break up the habit, and by determined and persistent effort on the part of the teachers and officers the nuisance has been almost abated, and I think very few children who are enrolled in the schools are now absent from the schools, except from proper cause. It requires constant watchfulness, however, to keep some of the would-be delinquents in school, and I believe it would be a great benefit to the town if an officer could be appointed, whose first care should be the looking up of truants and absentees, and seeing that they were kept in school regularly.

In making this suggestion I do not wish to cast any reflection upon the work of present truant officers, for they have responded most willingly to all calls for help in looking up truants and putting them back into school.

It is well known, however, that the present police force are kept pretty actively employed in doing their regular police duties, and to ask them to respond to all calls and carefully patrol the town to see that there are no parents who are evading the school laws, would be unreasonable. If a person, with the proper qualifications could be found, his time, when not doing police duty, could be profitably employed in repairs and improvements upon the school buildings, as there is constantly something requiring the attention of someone, and I have found that looking after this work has encroached upon my time more than I would like to

have it, and I believe the services of the superintendent could be more profitably employed in keeping a closer watch of the school-work proper. There has been no trouble caused by the employment of children who are under school age, as those in charge of the rubber shops are very strict in their enforcement of the law, and there are very few minors employed in other branches of business.

EPIDEMICS.

A writer of some considerable prominence on matters pertaining to domestic and school economics, in a recent article says: "It is no longer considered as necessary for a child to have measles and scarlet fever as to cut his teeth. It is no longer considered an essential part of life to have at least twenty or thirty days of illness in the year; but the community is beginning to learn that health and happiness are within the reach of all who know and obey the laws of right living."

I do not subscribe fully to the above, for it is a fact that epidemics come, and scholars from the best homes as well as the poorest, are afflicted alike.

Scarlet fever and measles have prevailed to quite an extent in several schools, and Miss Field's school in the Franklin building was nearly broken up for several weeks, nearly all of her scholars being out at different times, and about two-thirds at one time. In other schools there has been rather more than the usual number of absentees, owing to the prevalence of these diseases, together with mumps and diphtheria, many who were not sick themselves being obliged to stay out from fear of contagion. I trust we have seen the end, as few are out at present.

NATURE STUDY AND SCIENCE WORK.

The course of study in the grammar and lower grade schools contemplates the doing of considerable work in the line of nature study and elementary science, and while a few teachers have been doing this work very faithfully a large majority have failed to do proper work; some from a lack of proper material to do it with, others because they did not know how to take hold of the work and carry it along in connection with the other school studies, making it a help to the language work in particular rather than taking so much time from the regular studies, as they are apt to be classed, as to be looked upon as a hindrance to good progress. With the proper desk books and helps the teachers are already beginning to take courage, and I look for excellent results in the coming year, as once properly started the interest therein of both teachers and scholars will never allow it to be neglected.

• INDUSTRIAL EDUCATION.

In 1891 the general court of Massachusetts passed a resolution authorizing the appointment of a commission, to consist of three persons, to investigate the existing systems of manual training and industrial education, with special reference to the question whether any existing system of manual training or industrial education, or any modification thereof, can be adopted with advantage in any of the public schools of this commonwealth. This commission as appointed consisted of Mrs. Louisa P. Hopkins, Mr. Edwin P. Seaver and Mr. George E. McNeill, and after spending much time in investigation they have submitted their report, which is a most interesting volume of 320 pages, giving fully the results of their observations in all the principal schools

of this country and many in the old world. Mrs. Hopkins paid special attention to the work of kindergartens, and a part of her report on this subject is especially interesting. She says:

“The occupations of the kindergarten are arranged for the systematic development of the child’s powers, based upon the child’s natural activities; they train the sense of touch to nice observation and the hand to careful and skilful manipulation for the tangible representation of all the ideas of the mind and the expression of all the emotions of the soul. In this training of the hand the various senses are also educated; the eye especially learns to see more exactly and completely, so as to obtain the knowledge requisite to truthful representation in hand-work. Accurate expression is the test of accurate knowledge. Accurate and complete perception is essential to tangible expression.

“The kindergarten occupations are connected with what are called ‘the gifts;’ the results of observation as developed by the gifts are recorded by actual representation in ‘the occupations.’ The occupations are also designed to lead up to the chief industries of life, as well as to the study of nature and the development of art. These occupations may therefore be regarded not only as the completion of observation but as the beginning of training for industry, science and art; and in this respect they give the three-fold activities of the child their natural development, and may be taken as a model for all subsequent courses of manual training.

“In discussing the significance of the kindergarten gifts and occupations, we may say generally that the gifts are meant to aid the child in classifying his observations concerning the form or appearance of things, and to serve him in his efforts to gain knowledge of things. The occupations, on the other hand, are to serve him in his efforts to express

his ideas of things, and to apply his knowledge to the realization of a definite purpose.

"The kindergarten occupations as laid down by Froebel are:

1. Building with blocks; card-board construction.
2. Making forms and designs with sticks, tablets or rings.
3. Folding and cutting paper into geometrical forms.
4. Weaving with paper or other material.
5. Sewing on perforated cards.
6. Drawing, as a language for expressing form ideas.
7. Modelling in clay and other plastic material.
8. Gardening.

"These occupations may be scheduled according to their relations, as follows:

A. Bodies or solids:

1. Block building.
2. Clay modelling.
3. Card-board construction.

B. Surfaces:

1. Paper folding, cutting and pasting.
2. Tablet laying.
3. Painting.

C. Lines:

1. Stick laying.
2. Weaving.
3. Embroidery.
4. Drawing.

D. Points:

1. Bead stringing.
2. Peas, shells, etc. (arrangement of).
3. Perforating.

"With the study of solids the child is helped to apprehend the distinct individuality of things; the study of surface

helps him to classify things on the basis of their shape; the study of lines leads him to counting, measuring and the apprehension of direction and proportion; the study of points leads him to understand position and relation.

“The clay modelling enables the child to record his observation of the most delicate deviations from the typical shapes, and leads him to an appreciation of type forms. The block building and card-board work develop his constructive talents; the paper folding and cutting stimulate his inventive power, and prepare him to record with brush or crayon the products of memory or imagination, and, with the weaving, embroidery and drawing, develop his artistic tendency.

“It is plain also that the proper use of the material of the occupations results in moral power, because it implants in the child habits of industry, clearness, accuracy and harmony, which in attitude and motive influence his whole development, and co-ordinate him with his fellows in social and benevolent organizations, so as to make him a factor for good in the community of child life. In all these occupations the individuality and creative power of the child should have full scope. They may be connected with observation of nature and life or with the imagination and feeling, yet they should be conducted according to the legitimate growth of the child's powers, and, in the main, according to a prescribed sequence founded on the great laws of educational philosophy. The child should be led from the easy to the difficult, from the simple to the complex, from the known to the unknown, in all manual as well as mental training. The exercises must be for the child, not the child for the exercises or system. Whatever is given to the child to do should be adapted to his interest, to his stage of progress and to his relations with life; it should advance him in knowledge and skill, should minister to his manual dexterity and creative instinct, as well as to his desire to communicate to

others what he has acquired, and become useful and helpful to all; in other words, it should involve the activities of the body, the mind and the soul in their natural relations and order of growth.

“*Building* is one of the most natural and pleasurable occupations of a child; it leads him to constructive rather than to destructive work, to skill in handling, balancing and arranging parts, to mechanical contrivance, to unity of design, to an apprehension of proportion and symmetry; it teaches him unconsciously many of the laws of physics, gives play to his imagination and inventive faculties, and involves a study of material as well as of forces.

“*Laying of sticks, etc.*, leads to decorative designs and the representation of geometric and natural forms; it cultivates a perception of planes and lines, or edges and faces, and may be utilized in the study of the geometric outlines of objects, so far as such study can be properly carried with the little child. It is also suggestive of the study of number and place.

“*Paper folding and cutting* gives skill of fingers and accuracy of measurement, and, combined with color, allows opportunity for a study of color, form and proportion, which is essentially artistic in its tendency.

“*Weaving* involves color, careful hand-work, a knowledge of one of the most fundamental and inclusive industries, with opportunity for a study of material and the applications of the art to various material. It may also be combined with color and design, so as to make the industry artistic, and educate the sense of harmony and proportion.

“*Sewing* cultivates precision of the eye and hand, as well as the sense of regularity and measurement. It should, in the kindergarten, involve color and form, and be used as a kind of drawing and method of decorative design. It develops the moral nature, by training to habits of neatness, order,

economy and helpfulness, as well as by appealing to the sense of beauty.

“ *Drawing and modelling* should go hand in hand throughout all the manual training of the kindergarten. In the study of nature and of the type forms presented by nature and illustrated by ‘ the gifts ’ of Froebel, the drawing should be entirely with the free hand, and should be used chiefly as a means of thought expression by the child. Drawing and modelling not only train to manual dexterity, they also offer the readiest and freest means through which the creative feeling of the child can find expression; they are capable of constant application to every branch of study; they are connected with all industries; they develop the æsthetic sense and powers, and are suited to every grade of school work and every stage of education. In the kindergarten modelling the free fingers only should be used, and in drawing the pencil and brush should be used by the free hand only, other tools being postponed to the primary school.

“ *Gardening* leads the child to a love of plant life and to companionship with nature, as well as to healthful out-of-door occupation. Every kindergarten should have a garden plot; but where this is impracticable, gardening may be carried on in the school room by means of window-gardening or a sand box. It is one of the most delightful kinds of work to the child, and exercises in full sympathy and harmony all parts of his three-fold nature. It should never be neglected in the kindergarten. It may involve careful observation of processes, as well as forms; the hand-work of pressing, mounting, drawing and coloring of plant forms; the original study of plants in their conditions, their habits, their parts their organism, their beauties, their processes, laws of growth, relations with nature and life, as well as their ex-

pression of constant creative activity in nature; they lead to a recognition of the fatherhood of the Creator, and the sustaining love and power above and within the material universe for each individual life, thus developing in the highest direction the child's growing powers.

"Although it may not be necessary to vary such a course of occupations as Froebel has laid down for the kindergarten, nevertheless there should not be an unyielding adherence to it under all conditions and circumstances. The purpose is higher than the means, and whatever is natural and educative must be regarded as legitimate in the training of the child before the primary school age. Sympathy and original appreciation of the philosophy of the child's growth must determine the plan to some extent for every kindergarten. The child should be prepared by the kindergarten for more distinct lines of study and more concentrated application of the will and purpose to achieve in all branches of mental and manual training. The kindergarten must reach upward toward the primary-school subjects and method of study, and the primary school should vitalize its work by the adoption, to a great extent, of kindergarten methods. The doctrine of "learning by doing" should be applied to every line of study, and thus the kindergarten and primary work be an unbroken series of progressions. The kindergarten, as in most American schools, should be held in a room by itself, but in a building with the primary school, so that it may become familiar as a preparation for that grade."

"The kindergarten occupations can be directly applied to the language and number work of the primary schools, as well as to the observational study of natural forms. The material symbols of the manual training naturally introduce pictorial symbols, and these latter the conventional symbols of reading, writing and ciphering. Speech becomes a spontaneous expression of ideas generated by manual training,

and operations in numbers naturally arise in connection with many of the kindergarten occupations.

In considering feasible schemes of manual training for the primary school, we would suggest that the child be kept at work as much as possible on material which offers little resistance, such as clay, wax, paper and worsted. These offer a wide scope for progressive work, enabling the child to put the stress of his attention not so much upon the means as upon the end of his work, viz., the agreement of his results with his ideas. They can be readily made to reproduce, with a high degree of accuracy, his observations or imaginations. They also furnish excellent opportunities for social work; tiles of clay or mosaic work in paper and design, patterns of embroidery in parts, will supply groups of children or entire classes with tasks referring to a common plan or purpose. Woven worsted squares combined in a general design arouse the interest and cultivate the benevolent activities better than many isolated efforts. This work may be made to lead to the threshold of art, and prepare the children for full efficiency in all relations of practical life.

“Paper and card-board work in folding, cutting, pasting and construction affords means for adding to the gains from the handling of plastic material; habits of foresight and accuracy, which are invaluable in every vocation, are induced by these occupations, because the slightest errors are followed by irretrievable failure, while conscientious and careful work ensures success. Card-board modelling admits of closer attention to detail than sloyd, and is therefore less crude and utilitarian. Paper cutting and card-board modelling are a sure foundation for scientific artisanship, which rests primarily on accuracy and adaptation of means to end. They also lend themselves to ornamentation through drawing, painting, inlaying, cutting and carving. Paper and card-board cutting can be carried through the first eight

years of school life as a means of illustration in geometry, and geography, minerology and botany, as well as artistic representation, in all of which it secures inventive and constructive skill, with manual dexterity and delicacy. Work which is done by the fingers is more educative to the brain than that which is done by broader areas of muscular activity; delicate work of concentrated nervous power serves a higher physiological end than crude physical effort. As the courses advance they should become more closely associated and inter-related, as well as more distinctive and elective in each line, so as to give freedom of development for individual gifts and aptitudes. Building with blocks may lead to discovery of laws of physics, as well as architectural design; weaving may become artistic, as well as more variously and usefully industrial; sewing may connect itself with art on the side of embroidery and dressmaking; clay modelling works for art culture, and especially for sculpture; coloring appeals most effectually to the æsthetic and spiritual nature; drawing as a means of expression and a common language of form seems to cover every part of the educational field equally with spoken and written language; gardening is appropriate to every period of school life, as a healthful out-of-door occupation, furnishing the environment of nature, and leading to a study of natural science and field work in mineralogy and botany. Every school should have a garden for the children to work in.

“All these methods of manual training may be applied from the beginning to the end of school life, and to every study, constituting laboratory work in every line. All manual training should grow into applied science or art, and vitalize every branch of study.”

During the past year two private kindergartens, of considerable size, have flourished in town, being well patronized, and the results therein, I believe, have been most satisfactory. At the Centre school, Miss Chapin has devoted considerable attention to kindergarten methods and has applied them with a portion of her school, and the results of her work have been most gratifying to those who have observed it.

I believe the time has come when two or more kindergartens can be profitably established in connection with the public schools of the town.

SEWING.

Last year's report contained a special report from Miss Atwood, on the results of her work with the girls of the third and fourth grades, at the Centre schools; she has continued the work this year with most satisfactory results, and the parents of many of the girls taught are highly pleased with the work.

The teaching of sewing in the public schools is no experiment, as it has been introduced into school curriculums of many towns and cities, and the results have, in all instances, been satisfactory, and the verdict is that sewing in the public schools has come to stay.

MUSIC AND DRAWING.

The work in these departments has remained in charge of the same teachers as last year, and the reports of Mr. Drake and Mr. Carter, which appear elsewhere in this book, tell what in particular they consider has been accomplished during the year. Mr. Carter is preparing for an exhibition in the Town Hall, at some time during the early spring, which will speak for itself; and I wish that a grand chorus of the school children might be formed to demonstrate what

they can do in singing, as I believe that good results are being obtained by faithful work on the part of Mr. Drake and the regular teachers.

WRITING.

As the results in writing and the written work in language were far from satisfactory during the first part of the year, a special effort is being made to improve this feature of the school work and the services of Mr. J. S. Preston were engaged for a time. A great majority of children take as naturally to bad habits in writing as they do to other evils, and it is a painful process to reform these habits, once formed. I believe, however, that good results are already apparent, and that Mr. Preston is doing good work in this line.

PHYSIOLOGY AND HYGIENE.

In all the schools there has been a manifest desire on the part of the teachers to do something more than comply with the law requiring that physiology and hygiene be taught with special instruction as to alcoholic drinks, stimulants and narcotics on the human system, and many of the teachers have made a special effort to impress upon the minds of their pupils the importance of temperance in all things, and with apparent good results.

HEATING AND VENTILATION.

School authorities are beginning to come to the conclusion that many of the systems of heating and ventilating are not entirely perfect, and this town is not entirely free from annoyance on this score, as there has been some trouble in both heating and ventilating several rooms. Efforts have been made, and are being made, to remedy

these difficulties where they existed, and I believe they are in the main successful.

At Upham Hill a heating apparatus has been put into the closets that is proving a remedy for the nuisance that existed there last year.

At the D. W. Gooch school where there was quite serious trouble with the ventilation for a while, a better state of affairs now exists, and a recent examination by one of the State inspectors demonstrated that the air in the room that had been the most troublesome was good as to quality, and that a sufficient quantity was introduced to fully supply all the scholars with pure air. A close watch is being kept of the building, and I can assure the parents of scholars in all the schools that the welfare of the scholars will be considered in all cases of this kind.

GENERAL REMARKS.

A few words in conclusion regarding progress in the schools and some criticisms we have heard made. In a report of this committee made to the citizens of the town several years ago we find the following, which can as truly be said of the schools at the present time as of those at that time:

"We realize the fact that our schools conform pretty closely to public opinion, right or wrong. It will be practically impossible to ever raise them much above this standard, nor, from the nature of things, will they fall below it. Now it is true public opinion is sometimes fallible, and reaches conclusions that are wrong, and this result in school matters is disastrous. We believe it is wrong now in certain conclusions which it has adopted, and which some prominent educators have assisted them in establishing. One of the wrong conclusions, and a very important one, requires that pupils should be put through their school course somehow, with very little exertion of their own.

"There has been an impression prevalent for a long time

that if everything were made plainer and simpler to pupils, and more time spent in *teaching* instead of *studying* there would be a vast gain in educational results.

"The practical result of this has been to make parrot-like imitators of pupils instead of independent thinkers and reasoners. They lose all courage to undertake anything requiring careful thought and demanding mental exertion, but become expert machines, running rapidly and splendidly in the ruts where they have been taught, and good for but little elsewhere. . . .

Now it seems as if the whole tendency of the times, the whole advice of our educational men and journals, the great desire of parents was to take out of education anything which looks like hard work; to enable our children to get an education vicariously, by somebody else's work and study. If a study comes hard to a child, straightway father or mother must petition that he give up that special study. The committees and guardians of youth are warned that a few hours' study, (an amazingly few hours' study in many cases!) five days in the week, two-thirds of the year, is making a complete wreck of all our boys and girls. Perhaps so! For ourselves we believe the exact contrary. We believe that any reasonable amount of study, any amount which is required by the school committees of Massachusetts towns, is a positive advantage to health. At any rate we would not give much for that education which does not involve some systematic hard work on the part of pupils as well as teachers.

It will not make the kind of men and women we need to grapple with the hard realities and knotty problems of actual life."

The above treatment of the "overwork" side of the school problem is as fairly and aptly stated as it can be to-day, and all fair minded citizens of the town will agree that the requirements of the present school course are not too difficult for any child of average intelligence and physical strength to undertake and carry through without endangering his health.

Opposed to those who believe that their children are over-worked are a few who think the school course is not comprehensive enough, and that the scholars are not held down to the three R's as they used to be, and that in the main the schools do not do for the children what they used to do.

In the main I believe that both these criticisms, which are made from exactly opposite standpoints, are unjust to the school system and the teachers, and that the fault lies with the scholar who is the one that is largely responsible for his own success or failure in school life as well as in after life. Parents and scholars should realize that school work is real work, and that it should not be put off or interrupted by every pleasure party that can be planned.

CO-OPERATION ON THE PART OF PARENTS.

In visiting the schools during the past few months I have seen but very few parents in any of the rooms, save upon some public days held at the close of the first term. Parents are welcome at all times in the schools, and if more of you could realize how much your visits encourage and stimulate both teachers and scholars I think you would take time to visit oftener.

The schools are not maintained for the benefit of the teachers, superintendent or committee, but for the sake of the children, and it is hoped that everything done in them is for the best good of the children.

Report cards are sent regularly to the parents by the teachers and it is the duty of parents to do something more than *sign* them. If your child's marks either in any study or in deportment are not satisfactory you should take pains to ascertain why they are poor, and more definite information than that given by the report cards will always be very gladly furnished by all the teachers.

In regard to discipline, especially, there should be a good understanding between parents and teachers, and I hope that in all cases of discipline parents will consult with the teachers and hear both sides of the question before forming hasty judgment as to the justice or injustice of any punishment that may be inflicted. No question can be decided justly from hearing one side of it, and in the interests of the scholars rather than of the teachers this course is urged, as by pursuing such a course parents and teachers can co-operate wisely, and the results that are the best for the pupils can then be obtained, which is the desired end of all education.

In closing I desire to express my sense of obligation to parents and members of the committee for their hearty support and co-operation.

Respectfully submitted,

B. F. ROBINSON,

Superintendent.

Melrose, Mass., Jan. 12, 1894.

In School Committee, }
MELROSE, Mass., January 27, 1894. }

Ordered, That the annual report of the superintendent be accepted and adopted as the report of the school committee of the town.

JOHN C. MAKER, *Secretary.*

ACKNOWLEDGMENT.

It is with regret that the resignation of Mrs. Arethusa K. Miller, as a member of this board, is announced.

For the unusually long period of twelve years Mrs. Miller has untiringly and faithfully served the town in such a quiet and unpretentious way, that none but her associates and the teachers of the schools have been aware of the efficiency and magnitude of that service.

For several years, before the employment of a superintendent of schools, she acted as the purchasing and supply agent of the board, and won the approval of all having dealings with the school department, for promptness, accuracy and courtesy in all business matters.

Through her influence and care, after the adoption of the free text-book law, the books used in our schools were better cared for and kept in a much better condition than is common throughout the state.

To secure this result, it was her custom to examine, personally, once each year, every book in use.

Thorough in her own work, she believed in thoroughness everywhere; in discipline, in instruction and in acquirement; yet no one was more ready to make allowance for deficiencies due to circumstances, and not the result of negligence or deliberate purpose.

True to her convictions and earnest in maintaining her own ideas, sometimes with great pain, when obliged to differ from her associates, she always commanded their respect by her sincerity, her candor and her rectitude.

The writer, who has been associated with Mrs. Miller for seven years, makes, with pleasure, this public acknowledgment of the obligations under which the town rests, for her long term of useful and honorable service.

J. O. NORRIS,

Melrose, January 29, 1894.

Chairman School Com.

Report of the Teacher of Drawing.

To the Superintendent of Schools, Melrose, Mass.

DEAR SIR:—The following is a report of the work in drawing in the public schools for the past year. Taking the work as a whole from the primary grade through the high school, I think we can say it is much better than in any previous year. The teachers are doing their work very satisfactorily, although the primary teachers think they are slighted by my not giving any lessons in their classes.

By dropping the drawing books last year the work was made a little harder for the grammar teachers, and they really need more of my time in their work. This might be accomplished by cutting the time in the high school to one day per week, instead of the day and one-half which I spend there now.

The work in the high school shows much improvement. This is especially noticeable in the third and fourth classes, which have had the advantages of earlier training, although good work is being done by the other two classes. We need some new models in the way of historic ornament, details of the human figure and a bust. These are necessary to have in order to advance the work.

At the close of the year we hope to give an exhibition in the Town Hall of the work accomplished this year in all the grades.

The course that is laid out for the year includes geometry, working drawings, pictorial drawings, development, decoration and applied design. The applied design is a new study

in the public schools, but it has always seemed to me a necessary one. It takes up the designing of plaids, calico, lace, wall paper and oil cloth. These are all designed in color, using a paint called a body color, which is easily applied with a brush. The scholars seem very much interested in this work, which proves that color appeals more to the nature of the child than mere outline drawing.

Before closing this report I wish to thank the teachers for their hearty support in the work during the past year.

Respectfully submitted,

WILLIS S. CARTER,

Supervisor of Drawing.

REPORT OF THE TEACHER OF MUSIC.

Mr. B. F. Robinson, Superintendent of Schools.

DEAR SIR:—The report of music for the past year must necessarily be but a repetition of the previous year's report. No new music books have been introduced; no new departures made; but a constant and steady improvement in all the grades can be noted.

The rapid growth of the schools demands more time and an increase of material to work with, both of which demands have been met.

The value of the Normal Course, introduced about three years ago, is being shown by the ability shown by the scholars in sight reading and style of singing. It proves conclusively that the very best class of music should be supplied to the scholars.

As yet but three books of the series have been introduced, the first, second and introductory third; but the ability shown in the lower grades, and the constant improvement they make as they advance, will shortly necessitate the use of the very highest grade of books in the high grammar grades. Some of the eighth grade schools are now using as difficult material as the high school, and rendering the music in a more finished manner, without the use of any instrument whatever.

The practice of training scholars to sing and read music without the aid of piano or organ, is of the highest value and greatest importance, so when the scholar enters the high school, any music within the compass of the voice, is readily

sung, and with the piano as an *accompaniment*, not as a *guide*, the very best results can be obtained. In most all the grades below the high school, the work is most satisfactory, though not in all cases is the work *even*. When work is done only in concert, as in music, it is impossible to keep the same grades always in the same work, nor are they made to, the rule being to advance any class to whatever extent they can go.

The importance of the teachers following the progressive order of work cannot be overestimated, for only in that way can the different difficulties in music be overcome, and the work of the regular and special teacher go hand in hand.

One year should suffice for the second reader, Part 1, and the same for Part 2, and if the regular order is followed carefully and conscientiously, this can easily be done, and much more can be accomplished than by giving even more time in a desultory way.

Regular daily drill on tones and tone production, the reading of new exercises, and careful drill of the songs, should be the programme of the regular teacher, then the work reviewed by the special teacher, and new work laid out—such work as that cannot fail to overcome all difficulties and bring the music in our schools up to the very highest grade.

The number of schools still ungraded is one hindrance to the best musical work. Where there are two or more grades in one room it is impossible to carry them along together, and as the work must be done in concert, the highest grade only can be advanced, making the following year's work for the other classes much harder. This, however, cannot be avoided, until the schools are entirely graded, which, it is hoped, can be done in time. A word with regard to the high school: At the first of the school year, in September, the school was divided into two music classes. The number of

scholars was so large, and the hall so unsuited for so large a class, that it was decided to keep the entering class, numbering about 100, by itself, and the change promises to be of great benefit.

In closing I wish to thank the committee, superintendent and teachers for their aid and support for the past year.

Respectfully submitted,

GRANT DRAKE.

1893.

"Nulla Palma sine Pulvere."

GRADUATION

MELROSE HIGH SCHOOL,

TOWN HALL, TUESDAY EVENING, JUNE 27th,

Eight o'clock.

PROGRAMME.

PART I.

HIGH SCHOOL ORCHESTRA.—Overture.

CHORUS.—"Heaven and Earth Display." (Arthalie). *Mendelssohn.*

SALUTATORY ESSAY.—"What is an Education?"

WARREN ERWIN GILCHRIST.

FACILITE.—French Charade in Five Acts, Four Syllables and the whole.

ESSAY.—"Our Heritage."

FLORENCE ADELAIDE CHAPIN.

PIANO SOLO.—"Miserere du Trovatore." *Prudent.*

FLORENCE EMMA UPHAM.

AWARDING OF FRANKLIN FRATERNITY PRIZES AND THE ANNOUNCEMENT
OF THE ROLL OF HONOR.

PART II.

ORCHESTRA.—Selection.

ESSAY.—"The Immigration Question."

ASHTON LIVERMORE CARR.

GERMAN DIALOGUE.—"The Birthday Cake."

The ring has been forgotten in the baking and one of the party suspects she has
swallowed it. Great excitement follows until the hostess discovers it in her own pocket.

CLASS PROPHECY.

GEORGE H. SMITH.

ESSAY AND VALEDICTORY —"Heroism."

GRACE D. SANFORD.

BRIDAL CHORUS.—"The Rose Maiden." *Cowen.*

AWARDING DIPLOMAS.

NAMES OF GRADUATES.

G. NORA LOUISE BROWN.	G. INEZ VIVAN STICKNEY.
S. NELLIE M. CARR.	G. FLORENCE EMMA UPHAM.
E. HANNAH TERESA CASEY.	E. MIRIAM VAEILETTE WESTGATE.
G. FLORENCE ADELAIDE CHAPIN.	E. MABELLE RANDALL WILKINS.
C. ANITA BELLE CLARK.	C. ASHTON LIVERMORE CARR.
P. ETHEL GRACE DAY.	E. DANIEL JOSEPH CASEY.
E. MARGARET ELISABETH GRADY.	E. WILLIAM C. HARRIS.
G. ANNIE E. HOWES.	G. WARREN ERWIN GILCHRIST.
P. HARRIET MAY JONES.	E. EDWIN S. HASKELL.
C. GRACE BARRY LEIGHTON.	E. MANFRED HOLBROOK.
E. NELLIE MAY PRATT.	G. STARR KEYS.
C. GRACE D. SANFORD.	G. EDWARD JOHN KITCHING.
E. BERTHA H. SNOW.	E. ALBERT DAVID ROGERS.
E. MABEL ANNA STEWART.	C. GEORGE H. SMITH.
C. College Course.	E. English Course.
G. General Course.	S. Special Student.
P. Partial Course.	

1892—1893.

SUBJECTS FOR FRANKLIN FRATERNITY PRIZES.

1st Class.—“Some Characteristics of Milton’s Angels.”

“A Pilgrimage to Canterbury.”

English Rural Life, as described in Sir Roger de Coverley papers.

The Visit of the Black Knight to the Clerk of Copmanhurst.—*Ivanhoe*.

2d Class.—Portia Suitors.

The Quarrel Scene in Julius Cæsar.

The Battle of Cunaxa and its Results.

3rd Class.—“New England Seen through our Poet’s Eyes.”

“Homes of New England Authors;” illustrated from their works.

“Some Characteristics of the Writings of New England Authors.”

Cyrus, the Younger.

4th Class.—What a Person saw in Greece.

Bee Life.

How Plants Grow.

Honorable mention is made of the following scholars for excellence in literature:

First Class.

Grace D. Sanford,	Harriet M. Jones,
Florence A. Chapin,	Grace B. Leighton,
Florence E. Upham.	
Ashton L. Carr,	Erwin W. Gilchrist.

Second Class.

Olive B. Gilchrist,	Helen J. Moorhouse,
Isabel Drake,	Amelia M. Baldwin,
Lois M. Holmes,	Lillian Burns.
William E. Waterhouse.	

Third Class.

Ethel Fernald,	Margaret R. Grady,
Jessie M. Baker,	Carrie L. Worthen,
H. Edith Bradbury,	Carrie Powers,
Evelyn S. Chaloner,	Amiee L. Sears,
Ethel M. Patch.	
George P. Bryant,	Albert W. Snow,
Roland W. Harris,	Samuel Dearborn.

Fourth Class.

Grace Gilmore,	Grace E. Orton,
Ella N. Guildler,	Eugene W. Owen,
Ethel B. Mayall,	Maybel L. White,
Alma Leighton.	
Waldo G. Wildes,	Chas. H. Davis.

Prizes were awarded as follows:

First Prize, Olive B. Gilchrist, 2nd class.

Second Prize, W. Erwin Gilchrist, 1st class.

Third Prize, Evelyn S. Chaloner.

Prize for fourth class, Maybel L. White.

Honorable mention is made of the following scholars for excellence in mathematics:

First Class.

Grace D. Sanford,	Grace B. Leighton,
Inez V. Stickney.	
Ashton L. Carr,	W. E. Gilchrist.

Second Class.

Olive B. Gilchrist,	A. Gertrude Littlefield,
Helen J. Moorhouse.	
John H. Larrabee,	Willis B. Moore,
William E. Waterhouse.	

Third Class.

Ethel Fernald,	Carrie L. Worthen,
Carrie L. Powers,	Jessie M. Baker,
Grace E. Rowe,	Margaret B. Grady,
Laura M. White,	Gertrude L. Upham.
George P. Bryant,	George C. Glover,
Samuel Dearborn,	Roland W. Harris,
Albert W. Snow.	

Fourth Class.

Grace P. Washburn,	Edith W. Barron,
Myra L. Chapin,	Susie M. Keizer,
Ethel B. Mayall,	Lucia A. Soule,
Grace B. Chapin.	
Waldo G. Wilds,	Frank R. Carr,
Henry L. Davis,	Lewis C. Copeland,
Eugene W. Owen.	

Prizes were awarded as follows:

Prize for excellence in geometry, Helen I. Moorhouse, 2nd class.

Prize for excellence in algebra, Gertrude Littlefield, 2d class.

Prize for excellence in algebra, Susie M. Keizer, 4th class.

GRADUATION.

MELROSE FIRST GRAMMAR SCHOOLS.

WEDNESDAY, JUNE 28th, 1893, 9.30 A. M.

PROGRAMME.

1. OPENING MARCH.
2. CHORUS. "Gloria."
3. RECITATION. "The Clown's Baby."
CASSIE PRATT.
4. RECITATION. "Legend of Bregenz."
MATTIE ELLIS.
5. CHORUS. "Stars of the Summer Night."
6. RECITATION. "The Czar's Banquet."
FLORENCE ALLEN.
7. RECITATION. "How he Saved St. Michael's."
FLORENCE SIBLEY.
8. SOLO AND CHORUS.;
9. RECITATION. "The Broomstick Train."
ALICE DAY.
10. EXTRACT. "Massachusetts," H. C. Lodge.
FRANK H. MERRILL, JR.
11. VIOLIN SOLO. "Souvenir De Bade," Leonard.
LENA TROWBRIDGE.
12. AWARDING DIPLOMAS.
13. CHORUS. "Along the West."

GRADUATING CLASS.

Ethel S. Armington,
 Florence L. Allen,
 Amy W. Adams,
 Clara E. Baker,
 Ethel M. Baker,
 Florence E. Bridges,
 Thomas Brady,
 Frederick Cooper,
 Georgia I. Carpenter,
 Eliza M. Collins,
 M. Alice Clark,
 Lillie E. Curry,
 Ada B. Child,

K. Brooks Harris,
 Laura Hood,
 Margaret J. Hodge,
 Fred W. Jones,
 Marguerite E. Jones,
 Edith Kenah,
 Lottie D. Kilgore,
 Frank M. Loveland,
 Marion E. Lang,
 Ethel L. Latham,
 Charles L. Latham,
 Leon A. Leach,
 Bertha W. Leighton,

Mary A. Curry,
Thomas P. Connolly,
Walter B. Copeland,
Christopher F. Collins,
Bayard T. Crane,
Alice C. Day,
Mabel C. Dodge,
Mabel L. E. Day,
S. Everett Eldridge,
Mattie O. Ellis,
Honora M. Foley,
Ethel F. Fernald,
Emma C. French,
Lawrence Franklin,
Blanche A. French,
Talmage T. Grady,
Maud A. Given,
George S. Henderson,
Francis W. Hoffman,
Leo A. Provandie,
George B. Prescott,
Edith B. Porter,
Marion F. Pulsifer,
Morison R. C. Putnam,
George P. Rich,
Benjamin C. Read,
Percy H. Reeder,
Flora L. Robinson,
Edward B. Riley,
Ina G. Richardson,
Esther T. Russell,
Charles C. Serra,
Florence M. Sanford.
Edith H. Sargent,
M. Eleanore Smalley,
Laura E. Smith,

Wallace R. Lovett,
Gertrude Lombard,
Dora A. Mitchell,
Frank H. Merrill, Jr.,
Frank H. Merrill,
Eva E. Miller,
Francis G. Miller,
G. Stanley Morse,
Gertrude F. Moore,
Mattie C. Mirfield,
Mary T. Murphy,
Walter A. T. Norris,
Rose M. Norris,
Harvey R. Oliver,
Ethel F. Osgood,
Amie B. Owen,
Addie L. Pratt,
Cassie L. Pratt,
Sara D. Pratt,
Eliza L. Sayward,
Gertrude C. Swensson,
Florence D. Sibley,
Mildred L. Small,
May L. Spear,
Annie L. Statham,
Lillian M. Tufts,
Agnes B. Tuttle,
Lena Trowbridge,
Mildred A. Wagg,
Edith M. Wallace,
Madison Woodward,
Harold P. Waterhouse.
Marion B. Waterhouse,
Emma S. Welden,
Ethel Woodman,
Lucy M. Westgate.

FLAG DAYS.

For the purpose of inculcating a spirit of patriotism in all our school children, and giving instruction in our national history, it is hereby ordered that the janitor shall display the national flag, upon all school buildings, from sunrise to sunset, on the following days.

And in order to still further commemorate the historical events of the day, all teachers will have an exercise or reading of the history relating to the event named, said reading or exercise not to occupy more than fifteen minutes, immediately after the opening of the morning session of such days. When the day shall come on a Saturday, Sunday, or during a vacation, such commemoration shall take place on the Friday preceding.

January 1, Emancipation Proclamation, 1863.

“ 8, Battle of New Orleans, 1815.

“ 15, Capture of Fort Fisher, 1865.

February 6, Victory at Fort Henry, Tenn., 1862.

“ 8, Capture of Roanoke Island, 1862.

“ 12, Birth of Abraham Lincoln, 1809.

“ 16, Capture of Fort Donaldson, 1862.

“ 18, Capture of Charleston, S. C., 1865.

March 4, Inauguration of president, once in four years.

“ 5, Victory at Pea Ridge, Ark., 1862.

“ 9, Battle of the iron clads Monitor and Merrimac, 1862

April 2, Capture of Petersburg, 1865.

“ 3, Capture of Richmond, 1865.

“ 6-7, Victory at Shiloh, Tenn., 1862.

“ 9, Surrender of General Lee, 1865.

“ 12, Attack on Fort Sumter, 1861.

“ 19, Fight at Concord and Lexington, 1775.

“ 25, Capture of New Orleans, 1862.

“ 27, Birth of General Grant, 1822.

May 3, Town of Melrose incorporated, 1850.

" 5-6, Battle of the Wilderness, 1864.

" 30, Capture of Corinth, 1862.

Memorial day (half mast).

" 31, Victory at Fair Oaks.

June 14, Adoption of Stars and Stripes as national emblem,
1776.

" 17, Battle of Bunker Hill, 1775.

" 19, Battle between Kearsarge and Alabama, 1864.

" 27, Victory at Kenesaw Mountain, 1864.

July 1-4, Battle of Gettysburg, 1863.

" 4, Declaration of Independence, 1776.

September, First day of school year.

" 17, Victory at Antietam, 1862.

October 12, Columbus discovered America, 1492.

" 19, Battle of Cedar Creek, 1864.

Surrender of Cornwallis, 1781.

November 7, Capture of Port Royal, S. C., 1861.

" 16, Sherman started on his march to the sea, 1864.

" 24, Battle of Lookout Mountain, 1863.

December 15, Victory at Nashville, 1864.

" 21, Capture of Savannah, 1864.

" 22, Landing of the Pilgrims, 1620.

SCHOOL LAWS.

As a large number of the parents of children of school age do not have free access to the public statutes, and as it is desirable and important that all should know the requirements of the school laws, a number of the most important statutes are herein printed, together with a decision of the courts regarding the authority of school committee, which is self explanatory.

EXTRACTS FROM THE PUBLIC STATUTES OF
THE COMMONWEALTH.

CHAPTER 47.

CONCERNING VACCINATION.

SECTION 9. The school committee shall not allow a child who has not been duly vaccinated to be admitted to or connected with the public schools.

CHAPTER 64.

[AS AMENDED,]

[ACTS OF 1884.]

AN ACT TO PREVENT THE SPREAD OF CONTAGIOUS DISEASES
THROUGH THE PUBLIC SCHOOLS.

The school committee shall not allow any pupil to attend the public schools while any member of the family to which such pupil belongs is sick of small pox, diphtheria, or scarlet fever, or during a period of two weeks after death, recovery, or removal of such sick person; and any pupil coming from such household shall be required to present to the teacher of the school the pupil desires to attend, a certificate from the attending physician or board of health, of the facts necessary to entitle him to admission in accordance with the above regulation.

CHAPTER 149.

[ACTS OF 1888.]

AN ACT TO CAUSE PROPER SANITARY PROVISIONS AND PROPER
VENTILATION IN PUBLIC BUILDINGS AND SCHOOLHOUSES.

SECTION 1. Every public building and every schoolhouse shall be kept in a cleanly state and free from effluvia arising from any drain, privy, or other nuisance, and shall be provided with a sufficient number of proper water-closets, earth-closets, or privies for the reasonable use of the persons admitted to such public building, or of the pupils attending such schoolhouse.

SEC. 2. Every public building and every schoolhouse shall be ventilated in such a proper manner that the air shall not become so exhausted as to be injurious to the health of the persons present therein. The provisions of this section and the preceding section shall be enforced by the inspection department of the district police force.

SEC. 3. Whenever it shall appear to any inspector of factories and public buildings that further or different sanitary provisions or means of ventilation are required in any public building or schoolhouse in order to conform to the requirements of this act, and that the same can be provided without incurring unreasonable expense, such inspector may issue a written order to the proper person or authority, directing such sanitary provisions or means of ventilation to be provided, and they shall thereupon be provided in accordance with such order by the public authority, corporation, or person having charge of, owning, or leasing such public building or schoolhouse. Any person or corporation aggrieved by the order of an inspector issued as above provided, and relating to a public building or a schoolhouse in a city or town may, within two weeks of the date of the service thereof, or in the case of such an order already issued, within thirty days from the date of the passage of this act, apply in writing to the board of health of such city or town to set aside or amend the same; and thereupon, after such notice as said board shall order to all parties interested, a hearing shall be given by said board upon such order of the inspector, and said board may either alter such order, annul it in full or affirm the same. The order so amended shall have the same force and effect as the original order.

SEC. 4. Any school committee, public officer, corporation, or person neglecting for four weeks after the receipt of an order from an inspector, as provided in the preceding section, to provide the sanitary provisions or means of ven-

tilation required thereby, shall be punished by a fine not exceeding one hundred dollars.

SEC. 5. The expression "public building" used in this act means any building or premises used as a place of public entertainment, instruction, resort or assemblage. The expression "schoolhouse" means any building or premises in which public or private instruction is afforded to not less than ten pupils at one time.

SEC. 6. This act shall take effect upon its passage.

CHAPTER 203.

CONCERNING INJURY TO PUBLIC BUILDINGS.

SECTION 78. Whoever wilfully and maliciously or wantonly and without cause destroys, defaces, mars, or injures a schoolhouse, church, or other building erected or used for purposes of education or religious instruction, or for the general diffusion of knowledge, or an out-building, fence, well, or appurtenance of such schoolhouse, church, or other building, or furniture, apparatus or other property belonging to or connected with such schoolhouse, church or other building, shall be punished by a fine not exceeding five hundred dollars, or by imprisonment in the jail not exceeding one year.

CHAPTER 103.

[ACTS OF 1884.]

CONCERNING THE FURNISHING AND USE OF FREE TEXT-BOOKS AND SUPPLIES,

SECTION 1. The school committee of every city and town shall purchase, at the expense of such city or town, text-books and other school supplies used in the public schools; and said text books and supplies shall be loaned to the pupils of said public schools free of charge, subject to such rules and regulations as to care and custody as the school committee may prescribe.

CHAPTER 161.

[ACTS OF 1885.]

AN ACT RELATING TO THE PURCHASE AND SALE OF BOOKS BY
SCHOOL COMMITTEES.

SECTION 2. School committees may procure, at the expense of the city or town, in accordance with appropriations therefor previously made, such apparatus, books of reference, and other means of illustration as they deem necessary for the schools under their supervision.

SEC. 3. This act shall take effect upon its passage.

CHAPTER 332.

[ACTS OF 1885.]

AN ACT REQUIRING PHYSIOLOGY AND HYGIENE TO BE TAUGHT
IN THE PUBLIC SCHOOLS.

SECTION 1. Physiology and Hygiene, which, in both divisions of the subject, shall include special instruction as to the effects of alcoholic drinks, stimulants and narcotics on the human system, shall be taught as a regular branch of study to all pupils in all schools supported wholly or in part by public money, except special schools maintained solely for instruction in particular branches, such as drawing, mechanics, art, and like studies. All acts or parts of acts relating to the qualifications of teachers in the public schools shall apply to the branch of study prescribed in this act.

CHAPTER 47.

[AS AMENDED.]

CONCERNING THE ATTENDANCE OF CHILDREN IN THE SCHOOLS.

SECTION 1. Every person having under his control a child between the ages of eight and fourteen years, shall annually cause such child to attend some public day school in the city or town in which he resides, and such attendance shall

continue for at least thirty weeks of the school year if the schools are kept open that length of time, with an allowance of two weeks' time for absences not excused by the superintendent of schools or the school committee, and for every neglect of such duty the person shall, upon the complaint of the school committee or any truant officer, forfeit to the use of the public schools of such city or town a sum not exceeding twenty dollars; but if such child has attended for a like period of time, a private day school approved by the school committee of such city or town, or if such child has been otherwise instructed for a like period of time in the branches of learning required by law to be taught in the public schools, or if his physical or mental condition is such as to render such attendance inexpedient or impracticable, such penalties shall not be incurred.

SEC. 2. For the purposes of the preceding section school committees shall approve a private school only when the teaching therein is in the English language, and when they are satisfied that such teaching equals in thoroughness and efficiency the teaching in the public schools in the same locality, and that equal progress is made by the pupils therein, in the studies required by law, with that made during the same time in the public schools; but they shall not refuse to approve a private school on account of the religious teaching therein.

SEC. 3. The truant officers and the school committee of the several cities and towns shall vigilantly inquire into all cases of neglect of the duty prescribed in section one, and ascertain the reasons, if any, therefor; and such truant officers, or any of them, shall, when so directed by the school committee, prosecute, in the name of the city or town, any person liable to the penalty provided for in said section. Police, district and municipal courts, trial justices, and judges

of the probate court, shall have jurisdiction within their respective counties of the offenses described in section one.

CHAPTER 348.

[AS AMENDED.]

(ACTS OF 1888.)

AN ACT IN RELATION TO THE EMPLOYMENT OF CHILDREN.

SECTION 1. No child under thirteen years of age shall be employed at any time in any factory, workshop, or mercantile establishment. No such child shall be employed in any indoor work, performed for wages or other compensation, to whomsoever payable, during the hours when the public schools of the city or town in which he resides are in session, or shall be employed in any manner during such hours unless during the year next preceding such employment he has attended school for at least thirty weeks as required by law.

SEC. 2. No child under fourteen years of age shall be employed in any manner before the hour of six o'clock in the morning or after the hour of seven o'clock in the evening. No child shall be employed in any factory, workshop or mercantile establishment, except during the vacation of the public schools in the city or town where he resides, unless the person or corporation employing him procures and keeps on file a certificate and employment ticket for such child as prescribed by section four of this act, and no such child shall be employed in any indoor work, performed for wages or other compensation, to whomsoever payable, during the hours when the public schools of such city or town are in session, unless as aforesaid, or shall be employed in any manner during such hours unless during the year next preceding such employment he has attended school for at least thirty weeks as required by law; *provided*, the public schools are in session that number of weeks, which time may be

divided, so far as the arrangements of school terms will allow, into three terms of ten consecutive weeks each; and such employment shall not continue in any case beyond the time when such certificate expires. The chief of the district police, with the approval of the governor, shall have the authority to designate any kind or kinds of employment in factories, workshops or mercantile establishments as injurious to the health of children under fourteen years of age employed therein, and after one week's written notice from the said chief to the employer or his superintendent, overseer or other agent, of such designation, no such child shall be employed in any such kind or kinds of employment in any factory, workshop or mercantile establishment.

SEC. 3. No child under sixteen years of age shall be employed in any factory, workshop or mercantile establishment, unless the person or corporation employing him procures and keeps on file the certificate required in the case of such child by the following section, and also keeps on file a full and complete list of such children employed therein.

SEC. 4. The certificate of a child under fourteen years of age shall not be signed until he presents to the person authorized to sign the same an employment ticket, as hereinafter prescribed, duly filled out and signed. The certificate and the employment ticket shall be separately printed, and shall be in the following forms respectively, and the blanks therein shall be filled out and signed as indicated by the words in parenthesis:

EMPLOYMENT TICKET, LAW OF 1888.

When (name of child), height (feet and inches), complexion (fair or dark), hair (color), presents a certificate duly signed, I intend to employ (him or her).

(Signature of intending employer or agent.)

(Town or city and date.)

AGE AND SCHOOLING CERTIFICATE, LAW OF 1888.

This certifies that I am the (father, mother, or guardian), of (name of child), and that (he or she) was born at (name of town or city), in the county of (name of county, if known), and state (or county) of (name), on the (day and year of birth), and is now (number of years and months) old.

(Signature of father, mother, or guardian.)

(Town or city and date.)

Then personally appeared before me the above named (name of person signing) and made oath that the foregoing certificate by (him or her) signed is true to the best of (his or her) knowledge and belief. I hereby approve the foregoing certificate of (name of child), height (feet and inches), complexion (fair or dark), hair (color), having no sufficient reason to doubt that (he or she) is of the age therein certified,

(Signature of person authorized to sign, with official character or authority.)

(Town or city and date.)

In case the age of the child is under fourteen, the certificate shall continue as follows after the word "certified"; And I hereby certify that (he or she) can read at sight, and can write legibly simple sentences in the English language, and that (he or she) has attended the (name) public (or private) day school according to law for (number of weeks, which must be at least thirty) during the year next preceding this date, and that the last thirty weeks of such attendance began (date). This certificate expires (date, one year later than above date).

(Signature of the person authorized to sign, with official character or authority.)

If attendance has been at a private school, also signature of a teacher of such school, followed by words,—certifying to school attendance.

(Town or city and date.)

In case a child cannot read and write as above stated, the following may be substituted for the clause beginning "and I hereby certify" through to and including the word "language"; "and I hereby certify that (he or she) is a regular attendant at the (name) public evening school;" but in such case the certificate shall only continue in force for as long a time as attendance of such child at such evening school is endorsed weekly during the session of such evening school, not exceeding the length of the public school year minus thirty weeks in place of attendance at day school as now provided by law, with a statement from a teacher thereof certifying that his attendance continues regular. If attendance has been at a half-time school, sixty weeks of such attendance must be certified to instead of thirty. The foregoing certificate must be filled out in duplicate, and one copy thereof shall be kept on file by the school committee. Any explanatory matter may be printed with such certificate in the discretion of the school committee or superintendent of schools.

SEC. 5. In cities and towns having a superintendent of schools, said certificate shall be signed only by such superintendent, or by some person authorized by him in writing; in other cities and towns it shall be signed by some member or members of the school committee authorized by vote thereof; provided, however, that no member of a school committee, or other person authorized as aforesaid, shall have authority to sign such certificate for any child then in, or about to enter, his own employment, or the employment of a firm of which he is a member, or of a corporation of which he is an officer or employee. The person signing the certificate shall have authority to administer the oath provided for therein, but no fee shall be charged therefor; such oath may also be administered by any justice of the peace.

SEC. 6. The certificate as to the birthplace and age of a

child shall be signed by his father if living, and a resident of the same city or town; if not, by his mother; or if his mother is not living, or if living is not a resident of the same city or town, by his guardian; if a child has no father, mother, or guardian living in the same city or town, his own signature to the certificate may be accepted by the person authorized to approve the same.

SEC. 7. No child who has been continuously a resident of a city or town since reaching the age of thirteen years shall be entitled to receive a certificate that he has reached the age of fourteen unless or until he has attended school according to law in such city or town for at least thirty weeks since reaching the age of thirteen, unless such child can read at sight and write legibly simple sentences in the English language, or is exempted by law from such attendance.

Before signing the approval of the certificate of age of a child, the person authorized to sign the same shall refer to the last school census taken under the provisions of section three of chapter forty-six of the public statutes, and if the name of such child is found thereon, and there is a material difference between his age as given therein and as given by his parent or guardian in the certificate, allowing for lapse of time, or if such child plainly appears to be of materially less age than that so given, then such certificate shall not be signed until a copy of the certificate of birth or of baptism of such child, or a copy of the register of its birth with a town or city clerk, has been produced, or other satisfactory evidence furnished that such child is of the age stated in the certificate.

SEC. 8. The truant officers may, when so authorized and required by vote of the school committee, visit the factories, workshops and mercantile establishments in their several cities and towns, and ascertain whether any children under the age of fourteen are employed therein contrary to the

provisions of this act, and they shall report any cases of such illegal employment to the school committee and to the chief of the district police or the inspector of factories for the district. The inspectors of factories, and the truant officers when authorized as aforesaid, may demand the names of all children under sixteen years of age employed in such factories, workshops and mercantile establishments and may require that the certificates and lists of such children provided for in this act shall be produced for their inspection. Such truant officers shall inquire into the employment, otherwise than in such factories, workshops and mercantile establishments, of children under the age of fourteen years during the hours when the public schools are in session, and may require that the aforesaid certificates of all children under sixteen shall be produced for their inspection; and any such officer, or any inspector of factories, may bring a prosecution against a person or corporation employing any such child, otherwise than as aforesaid, during the hours when the public schools are in session, contrary to the provisions of this act, if such employment still continues one week after written notice from such officer or inspector that such prosecution will be brought, or if more than one such written notice, whether relating to the same child or to any other child, has been given to such employer by a truant officer or inspector of factories at any time within one year.

SEC. 9. Every parent or guardian of a child under fourteen years of age who permits any employment of such child contrary to the provisions of this act, and every owner, superintendent, or overseer of any factory, workshop or mercantile establishment who employs or permits to be employed therein any child contrary to the provisions of this act, and any other person who employs any child contrary to the provisions of this act, shall for every such

offense forfeit not less than twenty nor more than fifty dollars for the use of the public schools of the city or town. Every parent, guardian or person authorized to sign the certificate prescribed by section four of this act, who certifies to any materially false statement therein, shall be punished by fine not exceeding fifty dollars, or by imprisonment not exceeding thirty days, or by both such fine and imprisonment. A failure to produce to a truant officer or inspector of factories the certificate required by the provisions of this act shall be prima facie evidence of the illegal employment of the child whose certificate is not produced.

SEC. 10. The expressions "factory" and "workshop" used in this act shall have the meanings defined for them respectively by chapter one hundred and three of the acts of the year one thousand eight hundred and eighty-seven.

SEC. 11. Within one month of the passage of this act the chief of the district police shall cause a printed copy thereof to be transmitted to the school committee of every city and town in the Commonwealth.

SEC. 12. Sections one to six, inclusive, of chapter forty-eight of the public statutes, chapter two hundred and twenty-four of the acts of the year eighteen hundred and eighty-three, chapter two hundred and twenty-two of the acts of the year eighteen hundred and eighty-five, and section one of chapter four hundred and thirty-three of the acts of the year eighteen hundred and eighty-seven are hereby repealed.

SEC. 13. This act shall take effect on the first day of July in the year one thousand eight hundred and eighty-eight.

CHAPTER 299.

[ACTS OF 1890.]

CONCERNING THE AGE AND SCHOOLING CERTIFICATES OF CHILDREN EMPLOYED IN FACTORIES, MERCANTILE ESTABLISHMENTS, ETC.

SECTION 1. The following words shall appear on all age

and schooling certificates enumerated in section four of chapter three hundred and forty-eight of the acts of the year eighteen hundred and eighty-eight after the name of the town or city and date:—This certificate belongs to the person in whose behalf it has been drawn, and it shall be surrendered to (him or her) whenever (he or she) leaves the service of the corporation or employer holding the same; and any such corporation or employer refusing to so deliver the same shall be punished by a fine of ten dollars.

SEC. 2. Any corporation or employer holding any age or schooling certificate enumerated in section four of chapter three hundred and forty-eight of the acts of the year eighteen hundred and eighty-eight and refusing to deliver the same to the person in whose behalf it has been drawn, when such person shall leave the employ of said corporation or employer, shall be punished by a fine of ten dollars.

CHAPTER 48.

[AS AMENDED.]

CONCERNING TRUANT CHILDREN AND ABSENTEES FROM SCHOOL.

SECTION 10. Each town shall make all needful provisions and arrangements concerning habitual truants and children between seven and fifteen years of age who may be found wandering about in the streets and public places therein having no lawful occupation or business, not attending school, and growing up in ignorance, and such children as persistently violate the reasonable rules and regulations of the common schools; and shall make such by-laws as shall be most conducive to the welfare of such children and to the good order of such town; and shall provide suitable places for the confinement, discipline and instruction of such children.

SEC. 11. The school committee of each town shall ap-

point and fix the compensation of two or more suitable persons, to be designated truant officers, who shall, under the direction of said committee, inquire into all cases arising under such by-laws, and shall alone be authorized, in case of violation thereof, to make complaint and carry into execution the judgment thereon; and who may serve all legal processes issued by the courts in pursuance of such by-laws or of sections ten to sixteen inclusive, but who shall not be entitled to receive any fees for such service.

SEC. 12. Any minor convicted under a by-law made under section ten, of being an habitual truant, or of wandering about in the streets and public places of a city or town, having no lawful employment or business, not attending school, and growing up in ignorance, or of persistently violating the rules and regulations of the common schools, shall be committed to any institution of instruction or suitable situation provided for the purpose, under the authority of said section or by-laws, for a term not exceeding two years.

CHAPTER 71.

(ACTS OF 1855.)

AN ACT TO PREVENT TRUANCY.

Whoever, after notice from a truant officer to refrain from so doing, offers a reward for service to any child, in consequence of which reward such child is induced unlawfully to absent himself from school, or whoever, after notice as aforesaid, in any manner entices or induces any child to truancy, or whoever knowingly employs or harbors any unlawful absentee from school, or truant, shall forfeit not less than twenty or more than fifty dollars to the use of the public schools of the city or town in which said offence occurs, to be recovered by complaint.

CHAPTER 422.

ACTS OF 1889.

AN ACT TO AUTHORIZE TRUANT OFFICERS TO APPREHEND AND TAKE TO SCHOOL WITHOUT WARRANTS TRUANTS DISCOVERED IN THE ACT OF TRUANCY.

SECTION 1. Truant officers of cities and towns are hereby authorized, under the direction of the school committees of their respective cities and towns, to apprehend and take to school without warrant all truants found wandering about in the streets and public places.

SEC. 2. This act shall take effect upon its passage.

CHAPTER III.

(ACTS OF 1890.)

AN ACT PROVIDING THAT CERTAIN SESSIONS OF THE PUBLIC SCHOOLS SHALL BE DEVOTED TO EXERCISES OF A PATRIOTIC NATURE.

SECTION 1. In all the public schools of the Commonwealth the last regular session prior to Memorial Day, or a portion thereof, shall be devoted to exercises of a patriotic nature.

SEC. 2. This act shall take effect upon its passage.

THE AUTHORITY OF THE SCHOOL COMMITTEE.

By the recent decision of the Supreme Judicial Court of the Commonwealth, in the case of John A. Watson against the city of Cambridge, it has again been affirmed that the school committee has authority, not subject to revision in courts, to exclude from a public school a pupil whose presence is an injury to its discipline.

John A. Watson was excluded from the Cambridge schools by the committee on the grounds that he was too feeble-minded to attend school. He brought a suit against the city,

and in the Superior Court recovered a verdict. The city took exceptions to the refusal of the judge to give certain rulings which were asked for by the counsel for the city, and which, if given, would have prevented Watson from recovering. The case went to the law court, where the exceptions were sustained. The opinion of the full court is as follows:

“The records of the school committee of the defendant city set forth that the plaintiff in 1885 was excluded from the schools ‘because he was too weak-minded to derive profit from instruction.’ He was afterward taken again on trial for two weeks, and at the end of that time again excluded. The records further recite that ‘it appears from the statements of teachers who observed him, and from certificates of physicians, that he is so weak in mind as not to derive any marked benefit from instruction, and further that he is troublesome to other children, making unusual noises, pinching others, etc. He is also found unable to take ordinary decent physical care of himself.’ The evidence at the trial tended strongly to show that the matters set out in the records were true.

“The defendant requested the court to rule that if the facts were true which are set forth in the records of the committee as to the exclusion of the plaintiff from the public schools, the determination of the school committee thereon, acting in good faith, was final and not subject to revision in the courts. The court refused so to rule, and submitted to the jury the question whether the facts stated, if proved, showed that the plaintiff’s presence in school was a serious disturbance to the good order and discipline of the school.

“The exceptions present the question whether the decision of the school committee of a city or town acting in good faith in the management of the schools, upon matters of

fact directly affecting the good order and discipline of the schools, is final so far as it relates to the rights of pupils to enjoy the privileges of the school, or is subject to revision by a court. In *Hodgkins vs. Rockort*, 105 Mass., 475, it appeared that the school committee, acting in good faith, excluded the plaintiff from school on account 'of his general persistence in disobeying the rules of the school to the injury of the school.' Of the plaintiff's acts of misconduct it is said, in the opinion in that case, that whether they had such an effect upon the welfare of the school as to require his expulsion was a question within the discretion of the committee, and upon which their action is conclusive.'

"The principles there laid down are decisive of the present case. It was found by the presiding justice that the alleged misconduct of the plaintiff in that case was not mutinous or gross, and did not consist of a refusal to obey the commands of the teachers, or of any outrageous proceeding, but of acts of neglect, carelessness of posture in his seat and recitation, tricks of playfulness, inattention to the regulations of the school in minor matters. The only difference between the acts of disorder in that case and in this is that in this they resulted from the incapacity and mental weakness of the plaintiff, and in the other they were wilful or careless—the result in part of youthful exuberance of spirits and impatience of restraint or control. In their general effect upon the school they were alike, and the reasons for giving the school committee, acting in good faith, the power to decide finally a question affecting so vitally the rights and interests of all the other scholars of the school, are the same in both cases.

"Under the law the school committee 'have the general charge and superintendence of all the public schools in the town or city,' Public Statutes, ch. 44, sect. 21. The management of the schools involves many details, and it is

important that a board of public officers, dealing with these details and having jurisdiction to regulate the internal affairs of the school, should not be interfered with or have their conduct called in question before another tribunal so long as they act in good faith within their jurisdiction. Whether certain acts of disorder so seriously interfere with the school that one who persists in them either voluntarily or by reason of imbecility, should not be permitted to continue in the school, is a question which the statute makes it their duty to answer, and if they answer honestly in an effort to do their duty, a jury composed of men of no special fitness to decide educational questions should not be permitted to say that their answer is wrong. *Spear vs. Cumming*, 23, Pick., 224, 226.

"We are of the opinion that the ruling requested should have been given. Exceptions sustained."

SALARIES OF TEACHERS AND SUPERINTENDENT.

NAMES,	SCHOOLS.	SALARIES.
Alonzo G. Whitman,	High, Principal,	\$2,000
F. H. Small,	" Sub-master,	1,000
A. A. Ballou,	" Assistant,	800
Harriet C. Fairbanks,	" "	1,000
Hattie G. Ricker,	" "	650
Clarimond Mansfield,	" "	650
Mary J. George,	" "	650
Lydia Mendum,	Warren st., Prin., 7th & 8th Gr.,	700
Belle Mitchell,	" " 6th "	550
Mary A. Plummer,	" " 1st, 2d & 3rd "	525
Alma J. Guptill,	Franklin st., Principal, 5th Grade,	550
Esther M. Davis,	" " 4th "	550
Mary E. Tupper,	" " 3rd "	450
Hattie M. Field,	" " 1st & 2d "	475
Minnie F. C. Snow,	Green st., 1st, 2nd and 3rd Gr.,	450
Effie C. Sweetser,	M. A. Livermore, Principal, 8th Gr.	700
Lucy W. Bisbee,	" 7th "	600
Lillie J. Davis,	" 6th "	550
Eva M. Crane,	" 5th "	550
Susan D. Melcher,	Centre, Princ., 4th Grade,	550
Isabelle L. Atwood,	" 3rd "	550
Mary I. Coggeshall,	" 2nd "	500
Isabelle Chapin,	" 1st "	550
Inez H. Libbey,	Upham Hill, Princ., 6th & 8th Gr.	450
Annie Chadbourne,	" 4th & 5th "	550
Bertha M. Lawrence,	" 2nd & 3rd "	425
Cecelia Coyle,	" 1st "	450
Alice M. Swett,	Grove st., Princ., and 8th Gr.,	800
Helen J. Barrett,	" 7th "	600
Janet Young,	" 6th "	550
A. Louise McCormick,	" 5th "	550

NAMES.	SCHOOLS,	SALARIES.
Della H. Crosby,	Grove st., 4th Gr.	\$550
Nellie Dempsey,	" 3rd "	500
Florence Ellis,	" 2d "	550
A. E. Tucker,	" 1st "	475
Annie G. Smith,	D. W. Gooch school, princ., 6th Gr.	550
Alice H. Long,	" " 5th "	500
Etta J. Call,	" " 4th "	525
Lucy F. Dermot,	" " 3rd "	550
Amelia Trowbridge,	" " 2nd "	500
Annie M. Ranson,	" " 1st "	550
Hattie C. Taylor,	" " 1st "	400
Emma A. Weeks,	Converse, Principal, 3rd & 4th "	525
Mary E. Nye,	" 2nd & 1st "	525
Louise Frost,	Ripley, 1st, 2nd, 3rd and 4th Gr.,	525
Rosamond Heath,	Lynde street, 1st Gr.,	400

SPECIAL TEACHERS.

Grant Drake,	Music,	800
Willis S. Carter,	Drawing	600
B. F. Robinson,	Superintendent,	2,000

JANITORS.

Issaac C. Weeks,	High and Mary A. Livermore	720
George W. Boutwell,	Grove st. and D. W. Gooch,	900
C. H. Fuller,	Franklin and Green street,	300
John Hitchins,	Centre and Lynde street,	260
Eri Upham,	Upham Hill,	200
Frank Bemis,	Warren street,	240
Thomas Ray,	Converse,	100
Edward Molyneux,	Ripley,	60

SCHOOL STATISTICS.

SCHOOLS.	Maximum Number, Jan. 1 to July 1.	Average Attendance, Jan. 1 to July 1.	Maximum Number, Sept. 1 to Dec. 31.	Average Attendance, Sept. 1 to Dec. 31.	No. of Pupils January, 1894.	Per Cent. of Att'dance.	Average Age, Dec. 31, 1893.	
							Yrs.	Mos.
High, First Class	28	26.5	39	37.5	39	94.2	17	6
" Second Class.....	27	23	35	34	35	94	16	10
" Third Class.....	66	56	57	52	55	93.5	16	9
" Fourth Class.....	90	81.4	104	95.1	105	94.7	15	3
TOTALS	205	186.9	235	218.6	234	94.1		
Eighth Grade, Mary A. Livermore.....	40	34.8	53	46.5	49	93.4	13	9
Eighth Grade, Grove Street.....	49	45.4	49	42.7	44	95.3	14	4
Eighth Grade, Warren Street	27	21.9	20	16.9	19	94.5	14	8
Seventh Grade, Warren Street	23	19.2	34	30.1	33	93	13	6
Seventh Grade, Mary A. Livermore.....	51	47.6	45.8	43.9	43	96.3	13	11
Seventh Grade, Grove Street.....	53	45.2	31.6	42.4	44	92.4	13	6
Seventh and Sixth Grades, Upham Hill	27	22.1	31	24.1	31	89.5	13	5
Sixth Grade, Mary A. Livermore	47	41.8	46	38	44	95	12	3
Sixth Grade, Grove Street.....	58	49	42.5		53	93.7	11	5
Sixth Grade, D. W. Gooch.....			43	39.58	42	94.7	12	6
Sixth Grade, Warren Street.....	41	31	38	32.1	37	92	12	8
Fifth and Fourth Grades, Upham Hill.....	34	30.9	43	37.6	39	95.9	10	7
Fifth Grade, Grove Street.....	58	44.4	59	4.5	49	94	11	8
Fifth Grade, Mary A. Livermore.....	54	52.3	50	45.9	52	94	11	
Fifth Grade, D. W. Gooch.....	41	36.9	42	38.1	40	95.2	11	6
Fifth Grade, Franklin Street.....	43	35.3	50	41.8	49	89.5	11	1
Fourth Grade, Grove Street.....	40	36.4	47	42.9	40	91	10	1
Fourth Grade, D. W. Gooch	41	36.4	44	42.2	44	89.5	9	2
Fourth Grade, Centre.....	26	23	36	32.5	36	94	10	5
Fourth Grade, Franklin Street.....	60	49.6	34	27.7	33	93.2	10	1
Fourth and Third Grades, Converse.....	30.2	28.6	29.5	27.6	30	90.3	10	
Third Grade, Centre	37	28.2	31	27.2	25	92	9	3
Third Grade, D. W. Gooch	47	42.3	51	43.4	47	94.8	9	1
Third Grade, Grove Street.....	47	37	41	31.3	35	90.4	8	1
Third Grade, Franklin Street			26	27.2	25	93	9	4
Third and Second Grades, Upham Hill.....	48	39.4	54	49.3	55	89.5	8	11
Third, Second and First Grades, Warren Street....	48	36.8	51	38.5	48	85	7	5
Second Grade, Grove Street.....	34	28.3	57	40.6	47	84.6	8	7
Second Grade, D. W. Gooch.....	46	39	47	42	47	91	8	2
Second Grade, Centre.....	31	26.4	45	40.7	44	97.6	7	8
Second and First Grades, Franklin street.....	67	42	64	41.6	63	87	7	4
Second and First Grades, Converse.....	24.7	21.1	27	24.5	24	91	6	2
First Grade, Grove Street.....	87	43.5	49	35.1	36	88.9	7	
First Grade, D. W. Gooch	72	50.3	34	31.7	30	88	6	6
First Grade, D. W. Gooch.....	37	32	35	28	37	86	7	1
First Grade, Centre	56	41.3	33	26.1	28	93.3	6	7
First Grade, Upham Hill	43	33.6	50	40.9	50	85	6	4
First Grade, Lynde Street	36	32.3	34	29	34	94.3	6	1
Green Street	36	32.1	36	32.7	36	92.2	9	3
Ripley.....	25	18.38	28	19.9	23	82.15	7	6

Total enrollment, January 1, 1894, 1906.

REPORT OF THE BOARD

OF

WATER COMMISSIONERS

OF THE

TOWN OF MELROSE, MASS.,

FOR THE

FINANCIAL YEAR ENDING DECEMBER 31, 1893.

MELROSE :

DUNTON & POTTER, PRINTERS, REPORTER OFFICE.

1894.

TOWN OF MELROSE, MASS.

WATER DEPARTMENT.

COMMISSIONERS :

WILBUR D. FISKE.

GEORGE J. BICKNELL.

GEORGE L. MORSE.

REGISTRAR :

ELBRIDGE H. GOSS.

SUPERINTENDENT :

JAMES W. RILEY.

PUMPING STATION :

CHARLES F. CHURCHILL, Engineer.

REPORT OF THE WATER COMMISSIONERS

FOR THE

YEAR ENDING DECEMBER 31, 1893.

The twenty-fourth annual report of the board of water commissioners of the town of Melrose, also reports of water registrar and superintendent, are hereby respectfully submitted.

STREET MAINS.

The demands for laying main and service pipes during the year has been as follows:

Number of feet of main pipe laid in 1893,	.	.	14,118
“ “ service pipe	“	.	6,705
“ new hydrants set	“	.	13
“ new gates set	“	.	28

A detailed statement of dimensions, location and cost of the above will be found in the appended report.

SPOT POND.

The supply of water in Spot Pond has remained at a low stage during the whole year, the lowest point reached being on January 30; at which time it was 148 inches below high-water mark, and the highest point reached was May 20, at which time it was forty-two inches below high-water mark.

The joint water boards have improved the pond by filling

in on the corner adjoining Woodland and Pond streets, and when this work is finished it will be a permanent improvement that will add to the looks of the pond as well as improving the quality of the water.

ADDITIONAL WATER SUPPLY.

At the town meeting, held March 6, 1893, under articles 18 and 19, report of committee on additional water supply read by chairman of water commissioners, and accepted.

REPORT.

To the Inhabitants of the Town of Melrose, in Town Meeting Assembled :

Your committee on additional water supply for this town have the honor to submit the following report, to wit:

Since making our report at the town meeting held in December, 1892, we have had the driven wells, which were put down on the land north of Crystal lake, connected together by suitable pipes, and after procuring a large sand chamber, boiler and steam pump, we tested the wells by pumping them continuously for fifteen days, pumping at the rate of 460,800 U. S. gallons of water per day of twenty-four hours, the measurement of this water being carefully taken over a weir prepared for the purpose. There was driven at this place ten 2½-in. tubular wells, five of which were connected together and pumped from, the others being used for observations. This quantity of water being produced from only five wells, would seem to indicate that at this point there is a large underground supply of water, and the quality is indicated by the several analysis taken by the state board of health, which we hereby submit, together with a report from our engineer, M. M. Tidd, C.E., and Walter C. Stevens, C.E., who was also a member of the committee and in charge of the wells while they were being pumped.

To the Committee on Water Supply for the Town of Melrose:

GENTLEMEN:—Since my last report to you upon the question of an additional supply for the town of Melrose, five of the tubular wells at Crystal lake have been connected and tested by 360 hours' continual pumping in order to test the quantity and also the quality of the water there to be obtained. For the purpose of giving the quality of it a severe test, the wells were driven in a line about forty feet from the lake.

These five wells delivered water at the rate of 460,800 gallons per day of twenty-four hours, for fifteen successive days. At that rate the level of the ground water was only lowered about two feet; the original level however, was recovered in two hours after stopping the pumps, thus showing a large amount of water and a free passage for it through the sand strata at the bottom of the pipes at a depth of thirty-eight feet below the surface.

Samples of this water were sent to the state board of health for analysis; one taken immediately after starting, and the last one on the last day of pumping, in order to ascertain how much, if any, the ground water was polluted by water reaching the wells from the lake. I enclose copies of the analysis that you may see the result.

There can be but little doubt that water enough to reinforce the Spot pond supply can be obtained from this location by driving more wells further back from the pond in a northerly direction.

By locating a pumping station on the hard land, at the base-ball grounds, this water can be pumped through Tremont street to Emerson street, and through that to the 14-in. main at corner of Main street, in such quantities and times as may be necessary to furnish enough to supply what deficiency there may be in the Spot pond supply, as for instance, if

you have 80 per cent. of the required amount in the pond, 20 per cent. of the well water can be pumped into the mains and thus furnish the required amount.

This water will not, perhaps, be as desirable as that of Spot pond. It will be harder, but a small quantity of it, mixed with that of the pond, will hardly be noticeable.

I do not wish to be understood as recommending this as a permanent source of supply for all time, but as a re-inforcement of the present supply, it will undoubtedly answer your purpose for several years.

It is estimated this will require about 700 feet of 12-inch pipe from pump station to Tremont street, thence about 2,100 feet on Tremont to Emerson street one way, and Franklin street the other; then 1,700 feet on Emerson street to the present 14-inch main at the corner of Main and Emerson streets. This line will require about four new hydrants. In this arrangement no service pipes should be connected with this line, but should remain as at present connected with the 6-inch pipe already there, in order that the well water may be delivered directly into the 14-inch main, where it will combine with the water from the lake.

There will be required about twenty-five wells in all.

The cost of the above plant may be estimated as follows:

25 wells, 38 feet deep, with connections

to main suction pipes, at . . .	\$55 67	\$1,391 75
325 feet 8-inch suction pipe, at . . .	91	295 75
325 feet 6-inch suction pipe, at . . .	71	230 75
1 8-inch stop valve,		23 00
1 suction box,		500 00
25 special Ys, at	3 00	75 00
125 piles, capped, at	8 00	992 00

Amount carried forward, \$3,508 25

<i>Amount brought forward,</i>			\$3,508 25
Brick pump-house for two pumps and boilers, with chimney,			7,500 00
Pumping machinery,			8,000 00
4,500 feet of 12-inch pipe, laid, at	1 54		6,930 00
Special castings,			100 00
4 hydrants, at	30 00		120 00
4 12-inch gates, at	45 00		180 00
			\$26,338 00
Contingencies, 15 per cent.			3,950 73
Total cost,			\$30,288 73

Respectfully yours,

M. M. TIDD.

Boston, March 18, 1893.

MELROSE, MASS., Feb. 21st, 1893.

W. D. Fiske, Chairman of Water Committee.

DEAR SIR.—There were ten wells driven on the north-west shore of Crystal pond, and five of these were connected with a steam pump. This pump was started Monday, Jan. 16, at 9 p. m. A sample of the water which was being pumped was taken Tuesday, Jan. 17th, at five p. m., and on the next day a sample was taken from the centre of the pond. These were sent to the state board of health for analysis, as were also two other samples, one taken Jan. 25th, and the other Jan. 31st, both of the last being taken from the pump. A large box with a weir in one end was built and set in place so that all the water pumped had to pass through the weir and in this way the water was accurately measured. The measurement did not vary at all from day to day, but held the same throughout the fifteen days' test, with a result of 320 per minute or 460,800 gallons per day.

At the end of the pumping test the water in the wells stood 2.18 feet below the level of the surface of the pond. This test was not made to determine the quantity of water that could be obtained from the pond and its water shed, but it was made to determine the quality of the water after it had passed through the sand and gravel that may be found underlaying the mud on the shore of the pond.

The wells were driven about fifty feet from the shore, and were driven to a depth of thirty-eight feet, and the results show that the water flows very freely in this strata of gravel, there being pumped four-fifths of the amount of water used by the entire town out of only five wells of $2\frac{1}{2}$ inches diameter, while the reduction of 2.18 feet in the head shows that there is considerable resistance and filtering qualities in the sand and gravel between the pond and the well. Also the accompanying analysis will show considerable improvement in the quality of the water after being so filtered,

Respectfully yours,

WALTER C. STEVENS.

In view of the results obtained by the above tests, and the above analysis made by the state board of health of this water, your committee are unanimous in the opinion that on the grounds north of, and adjoining Crystal lake, is the proper place to locate a pumping plant for the purpose of procuring an additional supply of water for this town, and we believe that

1st, We can here obtain an abundant supply of good water for domestic and fire purposes, and if the town should adopt this method of getting water from this place, we are very confident that we could install a pumping plant here that would be able to easily pump one million gallons per day; in fact the driven well men stand ready to put in a gang of driven wells at this place, and guarantee the supply to be

not less than one million gallons daily; and in our search and investigation, we have very carefully examined all the several possible, or proposed places, in or about this town, where it was supposed a supply of water could be obtained, and with the single exception of this Crystal lake location, we have found all other proposed supplies entirely inadequate to our wants, and we are firmly of the opinion that the town cannot afford to invest in any place, even for a temporary additional supply, unless all the indications point to a source that will produce at least one million gallons of water per day.

2d, The quality of the water as shown by the analysis is remarkably good, pure and soft, its purity being almost faultless, while its hardness is only 5.6 as against 10.5 of the water the city of Malden is now using from her Webster park supply, and as against 7.26 hardness of the water the city of Medford has just obtained from a gang of driven wells, which they have just put down, and which the state board of health has recommended them to adopt, making this water, which we have obtained at Crystal lake by far the most desirable water of the three for domestic use.

3rd, In case the town should accept this plan, and take so much of the land north of Crystal lake as should be thought wise to obtain the water supply and properly protect it against any further pollution, it could at some future time improve and beautify this land and the surroundings, and thereby reclaim this tract, which is now an unsightly place, thereby greatly beautifying the central portion of the town, and benefiting all the inhabitants thereof, as well as procuring an additional supply of water, and when our Metropolitan system of sewerage is completed, it will in a great measure assist in keeping this source of water supply free from contamination; in fact the major portion of the contamination now in the lake itself is readily traced to the

horse car stables which drain into a brook that flows into the lake. Electric cars, which are coming, will stop this, and other surface drainage, and various causes which now tend to contaminate the waters of Crystal lake, would and could be stopped and removed; and this feature alone, supposing we never used the water to any great extent, is well worthy the consideration of every citizen of this town, and when we get the Metropolitan system of sewerage, as we shortly shall, that will go far towards ensuring the purity of this supply of water.

In driving these test wells, we purposely put them quite near the pond for the express purpose of testing the quality of the water, as we thought by so doing we would get the poorest results in regard to quality that could be obtained; and the result of the analysis, under these conditions, has been a pleasant surprise, or a revelation to us, and all the indications point to the conclusion that if we drive our wells that we put down for permanent use more remote from the pond we shall obtain water of better quality, and at the same time large quantities of it. This is not alone our opinion, but also the opinion of experts we have employed in this case and who have very carefully studied it.

Understand we do not consider this source of supply as one which we could recommend the town to adopt for a permanent supply for all time, neither does our engineer so recommend, but the time has now arrived when this town has got to have more water, and that at once; and this source is now available, and seems in every way to fill the requirements of the situation, and can be obtained at reasonable cost, and in a very short time; and time is a great factor in this problem, for if another year passes and the prevailing idea is circulated and believed, as it was last year, that Melrose is out of water, it will work great hardship to our citizens, it will destroy values on all of our real estate,

it will double our insurance rates, and it will stop the growth of the town, and people now contemplating building and settling here will shun the town; many now already settled here will leave fair Melrose for other towns that can ensure an abundant supply of water.

To take this water as a source of water supply it will be necessary to apply to the legislature to take the land, water and water rights of this pond, as the pond is a great pond, and to do this we must act at once, and by special privilege get our bill before the legislature at this present session.

In order to protect this water supply we deem it necessary to take all the low land in this neighborhood north of the pond, as indicated on a map prepared by a member of this committee, Mr. Walter C. Stevens. We estimate the value of this land we propose to take to be about \$20,000, making the total cost of this whole plan to be about \$50,000.

In our former report your committee made the proposition that the cities of Malden and Medford unite with this town in taking the waters of Great pond, laying in the town of North Andover, Mass., for a pure and permanent water supply for the three municipalities, the expense of the whole work to be divided among the three municipalities proportionately to the number of their respective inhabitants. We still believe in this plan as the wisest and best at present open to us, and your committee presented a petition to the legislature to permit this taking. We then placed all the facts before the Malden water board, their city engineer and water superintendent, also before the Medford water board, and after giving them a long time to contemplate upon this subject, we wrote them both under date of Feb. 1st, 1893, urging upon them the early decision of this question by the two municipalities. Feb. 16th, the chairman of your committee received an invitation from the joint standing com-

mittee on water of the city of Malden, to meet them in consultation relative to the proposition of the town of Melrose, in relation to additional water supply, at city hall, Malden, Feb. 18, 1893. Your chairman was at that meeting and made such arguments and cited such facts as he could for the furtherance of this project. The Malden committee decided then to go to North Andover the next week and view this Great pond and then come to some decision and let us know. Since which time we have not heard from them in any official manner.

At this meeting it was asked how we would propose to go into this scheme in regard to paying cost of same. We said pro rata, according to inhabitants, or as per the actual consumption of water, having it all metered to each municipality. We do not think this proposition pleased the city of Malden. We think if we would pay one-third of, or perhaps one-half, the whole expense it would be more in accordance with her idea of equity.

The city of Medford has just been changing its form of government, and the transition has been a long, painful operation, that she has had no time to attend to the wants of her citizens in regard to water, so has let the most important subject go by default, although under date of February 23rd, they informed us the reason of their delay was on account of the incompleteness of their city government and the unorganized state of their water board, and as soon as their board was in a state to do business they would let us know their decision in regard to this matter, but up to the present time we have not received any communication from them, and our petition, which was before the legislature, has been respectfully referred to the next session of the legislature; so if after all our trouble of discovering this pond, measuring the water-shed and the water-sheds adjacent thereto, bringing the plan thoroughly before the muni-

cipalities of Malden and Medford, and doing everything in our power that we could do to get them interested in this water supply, which we consider the best that there is in the eastern part of Massachusetts, fails, it will fail for the want of co-operation of the cities of Malden and Medford, and we shall lay the blame entirely at their doors. Even if we had been successful and obtained the right in the legislature to take the waters of Great pond for a permanent supply, it would take two or three years to build the works, and make that supply available, and in the mean time it would have been incumbent upon us to re-inforce the supply from Spot pond, by some other temporary supply, and we now bring to your attention, and urge on you the necessity of taking this source of supply, as indicated, from the land adjoining Crystal pond.

Respectfully submitted,

W. D. FISKE,

Chairman.

Authorized by vote of the committee.

On the following page will be found the analysis of the water by the state board of health.

COMMONWEALTH OF MASSACHUSETTS.—State Board of Health.

WATER ANALYSIS. (Parts in 100,000.)

Number.	DATE OF		APPEARANCE.			ODOR.		RESIDUE ON EVAPORATION.			AMMONIA.				Nitrogen as		Iron.	Oxygen consumed.			
	Collection.	Examination.	Turbidity.	Sediment.	Color.	Cold.	Hot.	Total.	Loss on Ignition.	Fixed.	Free.	Total.	In Solution.		In Suspension.	Chlorine.			Nitrates.	Nitrites.	Hardness.
													Albuminoid.								
9,897 Jan. 18	1893.	19	Distinct.	Consid- erable white.	0.30	Distinctly Vegetable.	Distinctly vegetable and greasy.	10.15	2.60	7.55	.0388	.0194	.0166	.0028	1.47	.1200	.0011	3.8	.0200	.3285	
9,898 Jan. 17		19	None.	None.	0.00	None.	None.	10.00	.....	.....	.0000	.0000	.....	.....	1.13	.2500	.0000	5.3	.0010	.0511	
9,942 Jan. 25		27	None.	None.	None.	0.00	None.	Very faint or none.	11.25			.0000	.0018			1.30	.1250	.0001	5.6	.0010	.0219
9,858 Jan. 31	Feb.	1	None.	None.	0.00	None.	Very faint or none.	11.30	.....	.....	.0000	.0012	.....	.....	1.14	1.900	.0005	6.1	.0000	.0219	
10,423 May 22		22	v s milky	Sl't sand	0.05	None.	None.	18.15	.....	.....	.0012	.0014	.....	.....	1.86	.8500	.0002	5.8	.0050	.0525	
10,541 June 21		21	Very sl't	Sl't brown	0.00	None.	None.	10.40	.....	.....	.0000	.0000	.....	.....	1.08	.2200	.0000	3.6	.0320	.0000	
10,542 June 21		21	Very sl't	Slight.	0.00	None.	None.	11.50	.....	.....	.0000	.0000	.....	.....	1.17	.2300	.0001	3.6	.0300	.0079	
10,584 July 3		3	None.	None.	0.00	None.	None.	10.70	.....	.....	.0000	.0000	.....	.....	1.12	.2000	.0001	3.8	.0000	.0079	

9,897. From Ell or Crystal pond.

9,898. From steam pump, outlet of five driven wells on north-west shore of Crystal pond.

9,942. From pump connected with five driven wells on north-west side of Crystal pond.

9,958. From wells on north-west side of Crystal pond.

10,423. From well No. 1 on Magna's lot.

10,541. From one of five wells from which test was made in January, 1893.

10,542. Middle well of group of three 6-inch wells, about 175 feet from Crystal pond.

10,584. From pipe discharging from wells at same place as 10,542.

The color of water is expressed by numbers which increase with the amount of color. Boston water as drawn from a tap at the Institute of Technology, had an average color for five years of 0.40. Other water supplies in the State have an average color of from 0 to 1.45.

All water containing suspended matter is filtered through filter paper before determining the color and residue on evaporation. Occasionally these determinations are also made on the unfiltered water, the results in such cases being indicated by an asterisk.

Your board immediately made application to the legislature for the act to take water for additional supply, and we append the act.

HOUSE, NO. 906.

COMMONWEALTH OF MASSACHUSETTS.

House of Representatives, April 18, 1893.

The committee on water supply, to whom was referred the petition of the board of water commissioners of the town of Melrose for legislation to provide said town with an additional water supply, report the accompanying bill.

For the committee,

ALBERT W. STURDY.

Commonwealth of Massachusetts.

In the year One Thousand Eight Hundred and Ninety-three.

AN ACT TO PROVIDE A FURTHER SUPPLY OF WATER
FOR THE TOWN OF MELROSE.

Be it enacted by the Senate and House of Representatives in General Court assembled, and by the authority of the same, as follows :

SECTION I. The town of Melrose, for the purposes of furnishing an additional water supply to the inhabitants of the town, may take, hold and use the waters of the great pond known as Ell pond, otherwise Crystal pond, situated in the town of Melrose, and the waters which flow into and from the same, and sink wells upon any lands situate therein, and may also from time to time take and hold, by purchase or otherwise, such lands, rights of way and easements within the said town as may be deemed necessary for holding, preserving and protecting any waters thus obtained, and for conveying the same to any part of the said town of Melrose; and may erect on the land thus taken or held proper dams,

reservoirs, buildings, fixtures and other structures; and may make excavations, procure and operate machinery and provide such other means and appliances as may be necessary for the establishment and maintenance of complete and effective water works; and may construct and maintain conduits, pipes and such other works as may be deemed necessary for drawing, collecting, purifying, storing, retaining, discharging, conducting and distributing said waters through the said town of Melrose.

SECT. 2. Said town shall, within sixty days after the taking of any lands, rights of way or easements aforesaid, otherwise than by purchase, for the purposes of this act, file and cause to be recorded in the registry of deeds for the county of Middlesex, southern district, a description thereof, sufficiently accurate for identification, with a statement of the purposes for which the same were taken, which statement shall be signed by the water commissioners of the town of Melrose.

SECT. 3. The said town shall be liable to pay all damages sustained by any persons or corporations in property by the taking of or injury to any of their land, water, water rights, easements or property, or by any other thing done by said town under the authority of this act; *provided, however*, that said town shall not be liable to pay any damage resulting from the taking and using of the waters of the great pond other than the state itself would be legally liable to pay. Any person or corporation sustaining damages as aforesaid under this act who fails to agree with said town as to the amount of damages sustained may have the damages assessed and determined in the manner provided by law when land is taken for the laying out of highways, on application at any time within the period of three years from the taking of such land or other property or the doing of other injury under the authority of this act; but no such applica-

tion shall be made after the expiration of said three years. No application for assessment of damages shall be made for the taking of any water, water right, or for any injury thereto until the water is actually withdrawn or diverted by said town under the authority of this act.

SECT. 4. The said town may, for the purpose of paying the necessary expenses and liabilities incurred under the provisions of this act, issue from time to time bonds, notes or scrip to an amount not exceeding in the aggregate seventy-five thousand dollars. Such bonds, notes and scrip shall bear on their face the words "Melrose Water Loan;" shall be payable at the expiration of periods not exceeding twenty years from the date of issue; shall bear interest payable semi-annually at a rate not exceeding four per centum per annum, and shall be signed by the treasurer of the town of Melrose, and be countersigned by the water commissioners of said town. The town may sell such securities at public or private sale, or pledge the same for money borrowed for the purposes of this act, upon such terms and conditions as it may deem proper, provided that such securities may not be sold or pledged at less than the par value thereof. The provisions of sections seven and eight of chapter one hundred and sixty of the acts of the year eighteen hundred and seventy, in regard to establishing and maintaining a sinking fund for the redemption of the Melrose water fund bonds, shall apply to this act, and said sinking fund shall remain sacred and inviolate and pledged to the payment and redemption of the Melrose water loan.

SEC. 5. Whoever wilfully, wantonly or maliciously corrupts, pollutes or diverts any of the waters taken or held under this act, or injures any structure, work or other property owned, held or used by said town, under the authority and for the purposes of this act, shall forfeit and pay to said town three times the amount of damages assessed there-

for, to be recovered in an action of tort; and upon conviction of either of the above wilful, wanton or malicious acts shall be punished by a fine not exceeding three hundred dollars, and by imprisonment not exceeding one year in the house of correction in the county of Middlesex.

SECT. 6. All the authority granted to the town of Melrose by this act shall be vested in the board of water commissioners of said town, chosen and elected as provided by section six of chapter one hundred and sixty of the acts of the year eighteen hundred and seventy, who shall be subject, however, to such instructions, rules and regulations as said town may impose by its vote.

SECT. 7. This act shall take effect upon its passage, but shall become void unless it is accepted by a two-thirds vote of the voters of said town present and voting thereon at any legal town meeting called for the purpose within three years from its passage.

At the town meetings held June 15 and 24, this act and subject of taking water from land north of Ell pond was discussed, and it was finally voted to lay the matter on the table, and then the following action was taken:

Voted, That the board of water commissioners and Daniel Russell, Stephen F. Keyes, Dr. Chas. C. Odlin and John Larabee be a committee to examine into and consider the matter of an additional water supply, including the proposition of Mr. Sibley, relating to Martin's meadows (so called), the taking of water from Bennett's pond or meadows, the Wakefield water company, or any other source deemed feasible, and report upon the same at an adjournment of this meeting.

At the adjourned meeting, held July 20, a verbal report of the above committee was made by their chairman, Mr. Geo. L. Morse, who stated that the state board of health had not completed its report, and asked for further time, which was granted.

At the adjourned meeting, held September 11, the committee on additional water supply, made the following report, together with that of the state board of health:

REPORT.

The committee on additional water supply respectfully submit the following report of progress:

The long expected report of the state board of health was received on August 11, and that all might thoroughly understand a matter so vital to every citizen of Melrose, and to the future interest of the town, by vote of committee said report was immediately published in both the local papers; and we trust that it has been read by everyone interested in this important matter now under consideration by the town. Said report is herewith submitted:

Acting under vote of last town meeting, your committee has made a contract with Mr. Sibley, so that while he is testing the capacity of his wells, instead of allowing the water to run to waste, it is now pumped directly into our main pipe on Wyoming avenue, so that we have increased our water supply for the last two weeks about 225,000 gallons per day, and from now until November 20th, the date at which the contract with Mr. Sibley expires, probably double that quantity. The amount of water pumped daily since the 20th August, is as follows:

WHITTIER'S WELLS.

1893, August 22,	.	.	.	221,100	galls.
" 23,	.	.	.	207,675	"
" 24,	.	.	.	163,875	"
" 25,	.	.	.	192,300	"
" 26,	.	.	.	231,000	"
" 27,	.	.	.	230,550	"
" 28,	.	.	.	219,250	"
" 30,	.	.	.	411,675	"
" 31,	.	.	.	275,475	"
Sep. 1,	.	.	.	302,400	"
" 2,	.	.	.	261,300	"
" 3,	.	.	.	168,525	"
" 7,	.	.	.	307,200	"
" 8,	.	.	.	324,820	"
" 10,	.	.	.	564,675	"

Forty-eight hours less stoppages.

By vote of the committee the contract between Mr. Sibley and the town was also published in the two local papers.

The amount of water obtained from these wells is a surprise to your committee. It seems quite possible that we have struck an underground stream of water which was not indicated by the general watershed. Finding the boiler in use wholly inadequate for testing the capacity of the wells, another one, of sixty-horse power, has been hired at \$2 per day. It is now hoped and expected that a supply of between four and five hundred thousand gallons per day can be pumped.

The expense up to the 10th of September is about \$1,600. \$2,000 has been spent as follows:

WHITTIER'S WELLS.

Labor paid to September 2,		\$360 14
Labor due " 10,		61 50
Sundry bills, approved and paid,		241 25
B. F. Smith & Bro.,		824 09
S. E. Benson & Co.,		112 23
Stock, pipe and fittings,		403 75
		\$2,002 96

But in the event of no further use being made of the wells after the contract with Mr. Sibley expires, about \$400 is to be paid back to the town by the Smith Well Co. for materials to be returned; this makes a net cost to date of about \$1,600.

Your committee recommend that the sum of \$1,000 be given them for further investigation.

A part of the duty of your committee was to investigate the feasibility of purchasing an additional water supply from the Wakefield Water Company. A sub-committee has had several interviews with Mr. S. K. Hamilton, president of the company, and find him not disposed to make a contract with Melrose, even to furnish us with the overflow of Crystal lake, Wakefield, although admitting that during the rainy season from four to five hundred thousand gallons per day go absolutely to waste. He, however, agrees with your committee that it would be wise to connect Melrose with Wakefield water pipes, each town having a gate at the termination of their pipes, thus, in cases of emergency, enabling either town to supply the other temporarily with water.

Should further pumping from Whittier's wells show an additional supply of from four to five hundred thousand gallons per day could be obtained there, and could we, in addition to this, purchase the overflow of Crystal lake at a

reasonable price, the water problem with which we have been so long struggling, would be solved for the present.

The state board of health recommend that we purchase the overflow of Crystal lake, Wakefield; but before we do so we must apply to the legislature for the right, as the charter of the Wakefield Water Company permits them to supply only Wakefield and Stoneham.

Your committee believes that the next general court, if asked, will give to Melrose this right; and that arrangements can be then made with this company to furnish us with their overflow of water. Later we shall probably have more to say on this subject.

We recommend that any further action regarding the Ell pond district, as a source of additional water supply, continue suspended for the present, as all the necessary experimenting in sinking wells through this district has been done; iron pipes, sufficient to pipe the streets, have been bought and are ready for use; so that should it become necessary to take water from this place and to get it quickly, a temporary plant could be erected, pipes laid, and pumping begun in from two to three weeks time.

There seems, therefore, no reason to act with haste; and every reason to move slowly until we have fully tested all other possible sources of supply.

GEORGE L. MORSE,
STEPHEN F. KEYES,
GEO. J. BICKNELL,
CHAS. C. ODLIN,
W. D. FISKE,
JOHN LARRABEE,
DANIEL RUSSELL.

OUR WATER SUPPLY.

THE FOLLOWING REPORT HAS BEEN RECEIVED BY THE COMMITTEE ON ADDITIONAL WATER SUPPLY.

Office of State Board of Health,
13 Beacon Street,
BOSTON, Aug. 10, 1893.

To the Water Board and the Committee on Additional Water Supply of the Town of Melrose:

GENTLEMEN:—The state board of health received from the Melrose water board on May 16, 1893, an application for its advice relative to a proposed additional system of water supply, to be taken from the ground on the north side of Ell pond. On July 5 a second application was received from the committee on additional water supply for advice relative to taking a supply from Martin's meadows, so-called, from Bennett's pond or meadows, and from the Wakefield Water Co. On July 5, the last mentioned application was amended by adding Long pond, and its immediate vicinity, to the sources before mentioned.

Before considering these sources in detail, it will be well to refer in a general way to the capacity of your present source of supply, Spot pond, and to the needs of your town.

Spot pond during a year of average rainfall will supply to each of the communities taking water from it about 630,000 gallons of water per day; and during a series of dry years, such as have occurred in the past, will furnish about 500,000 per day to each community, without falling to a lower level than it reached in February, 1893. With the pond at its present low level it cannot be depended upon to even furnish 500,000 gallons per day to each community if the next two or three years should be unusually dry. The consumption of water in Melrose, by the meter records, from September, 1892, to June, 1893, inclusive, averaged 565,000

gallons per day, which is 65,000 gallons in excess of the safe capacity of the pond for a series of dry years, even assuming it to have been filled in the spring, and still more in excess of its capacity in its present low condition. It is obvious, therefore, that to meet even the requirements of the present and the very near future it will be necessary to provide an additional source of supply or to decrease the consumption of water.

The consumption of water in Melrose at the present time is about fifty-seven gallons per inhabitant, which is more than the amount used by most towns similarly situated. As instances of low consumption per inhabitant may be mentioned; Brockton, 25 gallons; Middleborough, 26 gallons; North Attleborough, 26 gallons; and Fall River, 26 gallons. On the other hand, Beverly uses 70 gallons; Braintree, 62 gallons and Brookline 80 gallons. During the period from September, 1892, to June 1893, inclusive, Malden used 50 gallons and Medford 48 gallons per inhabitant.

It seems highly desirable that Melrose should take energetic measures to restrict waste, but in view of the fact that the present demands upon Spot pond so largely exceed its capacity, and having regard to its present low state of the pond and the greater demand for water from year to year, due to the increasing population, the board is of opinion that a further supply should be obtained without delay.

The great expense to which Melrose would be subjected if it should attempt to obtain by itself a permanent supply of water, which can only be had from a comparatively great distance, the fact that the Legislature has already directed that investigations be made with a view to obtaining a water supply for Boston and its suburbs, and the need of an immediate addition to the present supply, all lead to the conclusion that it is wise to obtain, at a comparatively small cost, a temporary supply which will meet the require-

ments for the next five or six years. Should any of the sources mentioned by your committee be adopted, they should be considered merely as temporary sources which will have to be abandoned whenever the quality of the water becomes impaired by the growth of population upon the territory from which the supply is derived, or by other causes, or whenever a more satisfactory and permanent water supply is introduced.

Of the sources mentioned by the committee it may be said that the water from Bennett's pond would not be of suitable quality on account of the large population near the upper portion of the brook which feeds it. With regard to a ground water from the vicinity of Bennett's pond, no definite answer can be given because no investigations of the ground at this place have been made. It is not improbable that the quality of the water would be good, but, judging from the surface indications, this source could hardly be expected to furnish a sufficient quantity of water to make it a desirable one to adopt at the present time.

Long pond by itself would not furnish a sufficient quantity of water to warrant taking an additional supply from it, and if a stream which flows near its westerly end should be diverted into it the quality of the water would not be satisfactory if taken directly from the pond. With regard to obtaining the ground water supply in this vicinity no investigations of the ground have been made, but judging from surface appearances, the conditions are even less favorable than in the vicinity of Bennett's pond.

The Wakefield Water Co. now takes its supply from Crystal lake, and the water is of suitable quality for the purposes of a public water supply. The quantity of water which this source will furnish in a series of dry years is but little, if any, in excess of the present requirements of the two towns now supplied by the Wakefield Water Co., and the only

water which this company has to spare is the excess, during years of average or high rainfall, above the requirements of the two towns now supplied. The board, therefore, does not advise the town of Melrose to depend upon the Wakefield Water Co. for its additional supply. On the other hand, it is extremely important, as a precaution against a water famine in the next few years, that Spot pond should be again filled, a result which can be accomplished if each of the communities now drawing water from the pond should obtain the greater part of its supply from some other source or sources; and it may, therefore be desirable, if suitable arrangements can be made, to have the Wakefield Water Co. supply as much water to Melrose as the capacity of its source will permit.

A sample of water collected from Whittier's wells in Martin's meadows, so-called, on July 25th, showed that the water obtained from the ground at this place was of satisfactory quality for purposes of public water supply, and from an examination of the premises it seems probable that this water will remain of suitable quality for use, at least until increase of population in this vicinity. The quantity of water which this source will furnish is apparently limited, and it is extremely doubtful if it alone will furnish a sufficient additional water supply of the town. Samples were also received from wells in the meadow above the one already mentioned, but the water from these wells was not of satisfactory quality to pump directly into the pipes.

The territory just north of Ell pond has been tested in several places. The first test was made in January, 1893, by pumping from a line of driven wells very near the pond. This test lasted for fifteen days and the average quantity of water pumped is said to have been about 461,000 gallons per day. Three samples of water from these wells were sent

to this board for analysis. One was taken at the beginning of the test, another a week later, and the third at the end of the test. All of these samples were clear and colorless and free from odor, and although they all showed, by the greater amount of mineral matter and hardness than the natural waters of this region, the effect of the population upon the territory from which the supply is derived, the analysis also show that the water had been very thoroughly purified by its passage through the ground.

Three additional samples taken from this vicinity in June and July, 1893, gave results which confirmed those above mentioned, the analysis showing that in every case the water had been completely purified, chemically, by its passage through the ground. The wells from which two of these last mentioned samples were taken were 175 feet from the pond, while the third sample was taken from one of the line of wells near the pond. A bacterial examination of a sample of water from one of these wells showed that the water was of good quality, bacterially.

There seems to be no doubt that the quantity of water which can be obtained from the ground in this vicinity is greater than from any other sources mentioned, and the principal question which arises with regard to this source is as to whether the water will remain of suitable quality for use after long-continued pumping. The principal source of danger is that the water of the pond, which is highly polluted, will find its way through the ground to the wells without being thoroughly purified by filtration. Experience has shown in some cases that water may filter from a pond to wells or to a filter-gallery and under some conditions be thoroughly purified by its passage through the ground and yet under other conditions fail to be purified. It is impracticable to predict in the present case whether the water drawn from the ground will deteriorate in quality from this

cause. Taking into account, however, the urgent needs of your town and the difficulty of obtaining a sufficient quantity of water from a better source, the board would advise that this location be adopted as a source of supply, but with the understanding that the works are to be of a temporary character and that the water is to be analyzed frequently and its use discontinued if it should become impure. The wells should be located not less than 175 feet from the pond and further from it if practicable.

On Feb. 9, 1893, the board sent a communication to the water boards of the three places drawing water from Spot pond, and, after giving the results of estimates as to changes in the level of the pond which would be likely to occur under varying conditions of rainfall, the board ended its communication with the following statement, to which it would again call attention:

"It is of the utmost importance to get as much water into Spot pond as possible, or, what is the same thing, to take less water from the pond so as to have a larger supply in the pond to provide for future contingencies, such as a growing population and supplementary supplies which may become unsuitable for domestic use. Every million gallons of water which can be added to the pond has a distinct value to the three communities now depending upon this source, which is much in excess of the mere cost of pumping the water, and it would be a benefit to all of the communities if a fixed price were made per million gallons of water, which should be charged to each community drawing more than a certain defined quantity and credited to any community taking from the pond less than this amount. This would offer an incentive for individual action on the part of those places which now have or can provide supplementary sources of supply, and would not be unjust to any

town that may be unable to obtain a supplementary source as this town would only pay to the others what it would save in the cost of constructing and maintaining a pumping plant."

By order of the board,

SAM'L W. ABBOTT,

Secretary.

We append the contract made with Mr. Sibley:

WATER CONTRACT.

MEMORANDUM OF AGREEMENT BETWEEN A. C. SIBLEY, OF BELFAST, MAINE, AND THE TOWN OF MELROSE, MASS.

Whereas, The said A. C. Sibley is supposed to have under his land, called Martin meadows, near Wyoming avenue, in said Melrose, a large quantity of subterranean water, and whereas the said town of Melrose needs said water to supplement their supply, and whereas said town, at a legally held meeting, have instructed their committee on "additional water supply" to investigate said water source, and have appropriated money to pay the expenses of the same, now it is understood and agreed between said A. C. Sibley and said town, by its committee, as follows: Said Sibley is to allow said town free access to his land for purposes of installing and running a pumping plant as hereinafter described; he is to allow them to connect their pump with as many driven wells as they please; he is, if the interests of both parties require, to drive and pipe to the top of the ground at his own expense additional wells, not exceeding twenty-five; and is to allow them to pump from said wells sixty or ninety days, as they may desire, providing they commence pumping by August 20th, next, and allow them to pump until November 20th, 1893, and is to make no charge for water or rental during that time.

Said town of Melrose agrees to put in a pumping plant as follows: To have the pump, boiler and all other attachments of sufficient size to pump three hundred thousand (300,000) gallons of water in twenty-four hours, and if they decide to pump less than twenty-four hours consecutively, the pump and attachments shall be of sufficient size to pump said three hundred thousand gallons in said less number of hours. They agree to furnish said pump and all pipes or other connections from the wells to the pump, and from pump to the town's water main on Wyoming avenue, and to put into the line of connecting pipe between pump and main, a water meter, also of sufficient size to register the amount of water and in the time afore mentioned. The town agrees to run this pumping plant each day when practicable, after it is started, until November 20, 1893, to its full capacity of the water yield, accidents and breakages excepted; to keep a daily record of the amount of water pumped; to furnish all supplies and labor necessary to installing, maintaining and operating said plant for said time, except the expense of the driven wells aforesaid. Whatever is expended by the town in pipes, machinery, engines and all improvements of every kind and description shall be and remain the property of said town of Melrose, with right to remove the same.

To recapitulate: Said Sibley agrees to furnish the driven wells and access to the same; said town of Melrose agrees to do all the rest, and to install the plant and commence pumping at its earliest convenience, on or before said August 20.

If the contemplated pumping plant is put in by the town, and is faithfully pumped, the said Sibley agrees to pay on or

before January 1st, 1894, one half of all the expenses * of putting in and running said plant, in case twelve million (12,000,000) gallons are not obtained in ninety days pumping; but the six-inch pipe and laying from Wyoming main is not to be included in the net expense.

In witness whereof we hereunto set our hands and seals the fifth day of August, A. D., 1893.

A. CUTTER SIBLEY.

Town of Melrose by its committee:

W. D. FISKE,
GEORGE L. MORSE,
CHAS. C. ODLIN,
JOHN LARRABEE,
DANIEL RUSSELL,
STEPHEN F. KEYES,
GEO. J. BICKNELL.

After these reports were read and accepted, the following vote was passed:

Voted, unanimously, That the committee on additional water supply be authorized to expend not exceeding \$1,000 in addition to the amount previously appropriated, viz.: \$1,500, making a total of \$2,500, the same to be paid by the treasurer and charged to the water fund account, and that he be authorized to sell one additional water bond, making a total of three bonds, to defray said expenses.

* The items to be included in the matter of expenses to be paid for between the parties are as follows:

Rental of meter, pump and boiler, the whole expense of sand chamber and whole expense of the pipes connecting wells with pump. All labor and expense on installing and running plant for said ninety days, also expense of shed to be built over the pump.

It is understood and agreed between the contracting parties that whatever may be received for the sale of any of the material used in installing said plant shall be divided equally between the two said parties.

At the town meeting held Nov. 23, the committee on additional water supply made the following report, including a proposition made by Mr. A. C. Sibley:

To the Citizens of Melrose:

Your committee on additional water supply beg leave to make the following report of progress:

Pumping from Whittier's wells into our main pipe has been steadily continued since our last report, and we have thereby increased our water supply in round numbers 20,000,000 gallons, and we think also very much improved the quality of our water.

The contract with Mr. Sibley expired on the 20th of November, but he has extended it until the 29th, pending the consideration of his proposition for furnishing the town an additional water supply.

Said proposition is hereby respectfully submitted with the recommendation that all consideration and action on same be referred to your committee on additional water supply with full power to act as may seem to them for the best interests of the town.

We also recommend that full powers be given your committee to take such steps towards obtaining additional water from any other source, as may seem to them wise, provided we do not incur an expenditure of over \$2,000.

We herewith respectfully submit all the analysis thus far made by the state board of health, of the various samples of water which were taken from Ell pond itself, and the experimental wells around said pond, and those taken from time to time from Whittier's wells, during the past few months.

GEO. L. MORSE,
DANIEL RUSSELL,
W. D. FISKE,
JOHN LARRABEE,
STEPHEN F. KEYES,
C. C. ODLIN,
GEO. J. BICKNELL.

COMMONWEALTH OF MASSACHUSETTS.—State Board of Health.

WATER ANALYSIS. (Parts in 100,000.)

WATER FROM WHITTIER'S WELLS.

Number.	DATE OF		APPEARANCE.		ODOR.		RESIDUE ON EVAPORATION.			AMMONIA.			Nitrogen as		Hardness.	Iron.	Oxygen consumed.			
	Collection.	Examination.	Turbidity.	Sediment.	Color.	Cold.	Hot.	Total.	Loss on Ignition.	Fixed.	Free.	Total.	In Solution.	In Suspension.				Chlorine.	Nitrates.	Nitrites.
1893.																				
10,692	July 20	21	Very slightly	Very sl't	0.02	None.	None.	8.90	.....	.....	.0000	.0024	.....	.....	.69	.0200	.0000	3.9	.0000	.0370
10,867	Aug. 21	22	Milky.	Slight.	0.02	None.	None.	9.20	.....	.....	.0004	.0000	.....	.....	.71	.0000	.0003	4.4	.0070	.0474
10,989	Sept. 6	8	Distinct	None.	0.00	Distinct.	None.	9.00	.....	.....	.0000	.0008	.....	.....	.81	.0000	.0001	4.3	.0312	.0312
11,118	Sept. 29	30	None.	None.	0.00	None.	None.	10.40	.....	.....	.0000	.0018	.....	.....	1.17	.1500	.0000	6.0	.0080	.0385
11,164	Oct. 11	11	None.	None.	0.00	None.	None.	11.40	.....	.....	.0000	.0018	.....	.....	1.25	.1100	.0001	6.3	.0040	.0077
11,348	Nov. 16	18	Distinct clayey.	Slight clayey.	0.05	None.	None.	12.80	.....	.....	.0000	.0000	.....	.....	1.37	.0900	.0000	7.3	....	.0468

10,692, 10,867 and 11,348. From wells.

10,989, 11,118 and 11,164. From a tap.

The color of the water is expressed by numbers which increase with the amount of color. Boston water, as drawn from a tap at the Institute of Technology, had an average color of 0.40. Other water supplies in the State have an average color of from 0 to 1.45.

All water containing suspended matter is filtered through filter paper before determining the color and residue on evaporation. Occasionally these determinations are also made on the unfiltered water, the results in such cases being indicated by an asterisk.

PROPOSITION.

BELFAST, Nov. 18, 1893.

*To the Committee on Additional Water Supply for the Town of
Melrose, Mass.:*

GENTLEMEN:—I will allow you to continue pumping at your experimental station until Nov. 29th inst., although the time expires, per agreement, Nov. 20th.

All propositions which I have heretofore made to your committee, or to the town, are now withdrawn, no action having been taken of them (except the experimental one under which you are now pumping).

It is not for my interest that the town shall put in a new pump and continue experimental pumping for four months longer, as you have suggested. But if the town wishes to make a contract with me for one or more years, I will install a plant with a capacity of at least 600 gallons per minute (equal to 360,000 gallons in ten hours), and have it ready to start in from sixty to ninety days from time contract is signed. I will then furnish the water to the town for one year for seven and one-half cents per 1,000 gallons, which is, as I understand, less than one-half what it has cost the town per 1,000 gallons for water pumped in this experimental test.

This proposition to remain open for the acceptance of the town until Nov. 29th inst.

If a contract is made substantially as herein contained, I will operate your experimental pumping plant for the interim between closing said contract and starting my installed plant, on terms on which we may agree.

A. C. SIBLEY.

At this meeting of Nov. 23 the following vote was passed:

Voted, unanimously, That the matter of making a contract with A. C. Sibley, for an additional supply of water, be left with the committee on additional water supply, heretofore appointed, with full power to act in the premises, and that they be also authorized to make further investigations or experiments, if deemed necessary, the expense of same, in either instance, to be defrayed from the water account, provided the expense for investigations or experiments shall not exceed two thousand (\$2,000) dollars.

Since the above meeting was held the committee on additional water supply concluded the following contract with the Middlesex Fells Springs Company:

MEMORANDUM OF AGREEMENT

Entered into this seventeenth day of January, A. D., 1894, by and between the Middlesex Fells Springs Co. (a corporation incorporated and established under the laws of the State of Maine) or its legal representatives, when properly incorporated to do business in this Commonwealth, of the first part, And the Town of Melrose, in the Commonwealth of Massachusetts, of the second part:

Whereas, The said Middlesex Fells Springs Co. is the owner of a certain tract of land known as the Martin meadows, situated near Wyoming avenue, in said town of Melrose;

And whereas, There is a large quantity of subterraneous water under said land;

And whereas, The town of Melrose desires to use said water to augment its water supply;

Wherefore, It is understood and agreed by and between the parties hereto, that the said Middlesex Fells Springs Co. shall construct, erect, furnish and complete, proper and

suitable works, buildings and machinery, for a pumping plant, capable of pumping 500,000 gallons of water daily. And the said Middlesex Fells Springs Co. hereby agrees to furnish water to said town of Melrose, for one year from the date when said pumping plant is started in fulfillment of this contract (which date shall be entered on this contract later), at and for the price of $7\frac{1}{2}$ cents for each and every thousand gallons, for the first 300,000 gallons daily, and at the price of 6 cents for each and every thousand gallons in excess of 300,000 gallons daily, up to 400,000 gallons daily, and at the price of 5 cents for each and every thousand gallons in excess of 400,000 gallons up to 500,000 gallons daily.

And the said Middlesex Fells Springs Co. further agrees to furnish said town 250,000 gallons of water daily for one year; and in the event of said Middlesex Fells Springs Co.'s failure to furnish 250,000 gallons of water daily, for said one year, whether caused by a failure of water supply or otherwise, said town of Melrose shall only be required to pay the price of 5 cents per one thousand gallons for such water as may be supplied aforesaid. But, if the party of the first part are obliged to stop pumping, by request of party of second part, then the said town shall pay the said Middlesex Fells Springs Co. demurrage at the rate of \$10 per day, or \$1 per hour for a fraction of a day.

And the said Middlesex Fells Springs Co. hereby further agrees to furnish all the water that shall be obtained from said Martin meadows' land to the extent of 500,000 gallons daily (excepting such water as they may require to use for the purpose of a bottling establishment, or artificial ice manufactory, or both, proposed to be operated by them), to said town of Melrose; which said water they shall cause to be pumped into the force main of the Melrose water pipes on Wyoming avenue.

And the said town agrees to furnish a long Y in their

main, and proper gates each side of said connection, and within ten feet of said Y, and to pipe with 10-inch or 12-inch pipe from said Y, to the force main line of the street adjoining the party of the first part's land.

And the afore-mentioned Middlesex Fells Springs Co. agrees that the said town of Melrose may continue to pump water under the same conditions as by former contract, until the pumping plant is completed, and in consideration of this extension, the said town of Melrose agrees to pay the Middlesex Fells Springs Company fifty dollars.

Said Middlesex Fells Springs Co. guarantees that the quality of water so furnished shall be satisfactory to the state board of health, of the Commonwealth of Massachusetts, and will allow samples to be analyzed by said board once in each month, or oftener, during the continuance of this contract.

The town of Melrose agrees to pay said Middlesex Fells Springs Co., or order, monthly, all bills due to them for said waters furnished to it; and to pay at the rate of seven and one-half cents per 1,000 gallons, until the quantity of 300,000 gallons shall have been reached daily; then at the rate of six cents per 1,000 gallons, until the further quantity of 400,000 gallons shall have been reached daily; then at the rate of five cents per 1,000 gallons, for all water so taken in excess of 400,000 gallons daily.

Said town agrees to take all the water so furnished by the said Middlesex Fells Springs Co. up to 500,000 gallons daily, averaged by the month, at the prices agreed upon, under this contract.

It is hereby agreed that the party of the first part, and the party of the second part, shall buy and own together one proper water meter, to be placed in the line of said force main pipe between the pump and water main afore-mentioned, each

party paying one-half the cost of the same, and its readings to be taken jointly.

It is agreed by and between the party of the first part, and party of the second part, that the party of the second part shall have the right at the expiration of one year from the date when said pumping machinery is started in fulfillment of this contract, to continue said contract for one, two, three or four years, on the same terms and conditions herein contained, except that in the event of a partial failure of the water supply without any fault of the party of the first part, and the quantity of water pumped during the said year is not more than a daily average of 250,000 gallons, the forfeiture hertofore named of two and a-half cents for 1,000 galls., in the event of less than 250,000 gallons be produced daily for said one year, shall not be claimed by said town, but the price shall be and remain at seven and one-half cents for each 1,000 gallons so furnished to said town up to 250,000 gallons daily.

In witness whereof, the contracting parties, by their legal representatives, have hereto affixed their hands and seals, this seventeenth day of January, A. D. 1894.

MIDDLESEX FELS SPRINGS COMPANY,

By A. C. SILBEY, Prest.,

By authority of vote passed by said Company this date.

CHAS. C. ODLIN,
DANIEL RUSSELL,
STEPHEN F. KEYES,
JOHN LARRABEE,
GEO. L. MORSE,
GEO. J. BICKNELL,
W. D. FISKE.

The following figures show the amount of water pumped at Whittier's wells, from the time of beginning, Aug. 22nd to Dec. 31, 1893.

STATEMENT OF WATER PUMPED AT WHITTIER'S WELLS.

Date.	Cubic Feet.	Gallons.	Av. per Day.
1893, August 28,	195,300	1,464,750	209,250
September 4, ...	189,259	1,419,375	283,875
" 11, ...	189,010	1,417,575	283,515
" 18, ...	217,140	1,628,550	232,650
" 25, ...	178,530	1,338,975	223,162
October 2,	191,070	1,433,025	204,718
" 9,	123,770	928,275	185,655
" 15,	172,120	1,290,900	215,150
" 21,	141,740	1,063,050	151,864
" 30,	244,110	1,708,770	261,689
November 6, ...	186,720	1,400,400	200,057
" 14, ...	168,180	1,177,260	180,193
" 20, ...	177,250	1,329,375	189,911
" 27, ...	132,510	993,825	141,975
December 4, ...	143,600	1,077,000	153,856
" 12, ...	80,280	602,100	86,016
" 19, ...	166,640	1,249,800	178,543
" 26, ...	238,960	1,792,200	256,029
1894, January 1,	212,450	1,593,875	227,625
Totals,	3,348,630	25,114,725	

LAND AROUND SPOT POND.

Your board of water commissioners in conjunction with the water commissioners of the cities of Malden and Medford have settled and paid a large majority of the claims for taking the land and water rights around Spot pond, and now hold the deeds to the property. The other claims will be settled as fast as possible, and a detailed statement of these claims will be made in our future annual report.

RECOMMENDATIONS.

We recommend that the town appropriate the same sum, \$4,000, for town use, as last year.

Respectfully submitted,

WILBUR D. FISKE,

GEO. J. BICKNELL,

GEO. L. MORSE.

Commissioners.

REPORT OF WATER REGISTRAR

OF THE TOWN OF MELROSE, FOR THE YEAR 1893.

To the Board of Water Commissioners:

GENTLEMEN:—I submit the following report for the year 1893:

RECEIPTS,

Received for water rates,	\$31,194 07
" " service pipes,	1,849 63
	\$33,043 70
Paid George Newhall, treasurer, \$32,875 00	
Refunded, 168 70	
	\$33,043 70

DISBURSEMENTS.

Bills approved by the water commissioners and paid by the town treasurer:

Stock account—Stock purchased,	\$16,372 19
Labor on same,	701 88
Maintenance—Sundry bills, labor and salaries,	14,262 63
Construction—Labor on construction and street services,	5,491 74
	\$36,828 44
Of this amount \$411.37 for stock has been transferred to additional water supply,	411 37
	\$36,417 07

STATEMENT FOR SINKING FUND.

INCOME.

From water rates,	\$31,194 07
Less amount refunded,	168 70
	\$31,025 37

LESS.

Interest on bonds (from town treasurer's books),	\$8,296 00
Maintenance—Sundry bills, labor and salaries,	14,262 63
Maintenance—Stock used,	1,245 19
	23,803 82
Surplus,	\$7,221 55

MAINTENANCE.

Brock Bros., sundries,	\$64 47
Melrose Journal, printing,	55 87
Coffin Valve Co., repairing hydrants,	9 73
G. F. King & Merrill, stationery,	33 50
C. L. Hoffman, concreting,	12 75
Braman, Dow & Co., fittings,	15 58
Frost & Hawes, sundries,	35 03
Ames Plow Co., tools,	24 48
L. Green, hay,	9 00
R. J. Todd, bolts,	1 00
Phillips & Hodgdon, hay, oats, &c.,	305 34
N. E. Tel. & Tel. Co., telephones,	220 20
C. F. Churchill, engineer,	900 00
J. W. Riley, superintendent,	1,100 00
E. H. Goss, registrar,	800 00
<i>Amount carried forward,</i>	\$3,586 95

<i>Amount brought forward,</i>	\$3,586 95
Jos. Edwards, repairs,	73 40
Robt. Philpot, sand, teaming, &c.,	411 23
J. F. Churchill, labor,	11 25
Littlefield Directory Co.,	1 00
C. S. Davis, wood,	23 50
T. McCoubry, repairs and horse shoeing,	281 51
A. Lane, rent of shop, one year,	120 00
Mary D. Ellis, rent of stable, one year,	60 00
Walworth Mfg. Co., repairs,	27 48
Chas. W. Badger, asphalt varnish,	42 14
A. W. Chesterton & Co., packing,	22 95
Edson Mfg. Co., suction hose, etc.,	22 52
H. J. Perry, hardware,	54 54
W. H. Miller, services,	10 00
Leonard & Ellis, valve oil,	81 20
Boston Evening Record, advertising,	4 00
Danton & Potter, printing,	15 00
Boston & Maine R. R. Co., freight,	123 97
Bugbee & Barrett, sundries,	6 81
D. R. Woodward, labor,	75
Peet Valve Co., repairing gates,	6 75
Smith Bros., sundries,	2 75
Aetna Rubber Mills, mittens,	19 50
Eastman's Express, expressing,	92 85
Geo. H. Sampson, dynamite and fuses,	94 17
A. Maclachlan, repairing,	39 15
J. B. Johnson, repairing,	2 87
Boston Rubber Shoe Co., rubber boots,	16 35
J. P. Deering & Co., lumber,	111 27
J. J. McCullough, oil cloth,	1 20
Fitz, Dana & Co., solder,	4 00
<i>Amount carried forward,</i>	\$5,371 06

<i>Amount brought forward,</i>	\$5,371 06
Scrannage Bros., repairing,	2 75
F. C. Richardson, labor,	5 00
Boston Hose Co., hose,	10 75
C. W. Ellison, stamps,	51 33
E. H. Goss, sundries,	9 57
J. McCarthy's Sons, charcoal,	2 45
W. E. Keating, hay and oats,	10 62
T. L. Mayo & Co., manila,	4 20
F. S. Field, labor,	8 00
W. A. Goodno, lumber and work,	33 54
Geo. H. Mason & Co., lanterns and globes,	14 25
W. H. Gallison, gaskets,	3 25
S. E. Benson & Co., coal,	1,917 22
B. D. Peaslee, services,	3 60
A. W. Mitchell Mfg. Co., badges,	2 00
Town of Stoneham, gravel,	40 00
Cook Well Co., pipe and labor,	242 05
Am. Express Co., expressage,	3 15
Geo. H. Smith, teaming,	3 00
Knowles Pump Works, valves, etc.,	59 44
Geo. W. Bartlett, carriages, etc.,	24 00
Westgate & Johnson, insurance,	27 75
W. C. Stevens, services,	33 00
Larrabee & Stearns, medicines,	2 15
Jos. Gibbons, labor,	7 50
M. M. Tidd, services,	192 87
Chapman Valve Co., repairing,	2 52
Catherine Johnson, sand,	8 20
Burrell & Swett, tools,	75
Sewall & Day Cordage Co., packing,	8 38
A. J. Burnett & Co., pipe, solder and labor,	1 13

Amount carried forward, \$8,105 48

<i>Amount brought forward,</i>	\$8,105 48
F. J. Bufford, engraving bonds,	45 00
A. J. Bonett, filing saws,	65
L. B. Wilder & Co., printing,	28 50
Ludlow Valve Co., valve fittings,	11 65
G. E. Winslow, 300 indicators,	21 65
Boston Bolt Co., bolts,	4 23
O. Whyte & Co., cylinder for reservoir,	65 00
City of Malden, $\frac{1}{3}$ amount expended at Spot pond,	533 50
P. Ainsworth, sundries,	3 37
W. D. Fiske, commissioner,	50 00
Geo. J. Bicknell, commissioner,	50 00
Geo. L. Morse, commissioner,	50 00
Canton Oil Co., pipe and couplings,	2 91
G. P. Anderson, hose,	4 32
C. F. Churchill, sundries,	4 60
F. E. Whitney, labor,	3 45
J. F. Churchill, sundries,	3 38
A. M. Morton & Co., packing and fittings,	36 98
H. B. Wyman, services,	50 00
H. W. Woodward, lumber and labor,	8 00
B. F. Smith & Bro., wrenches,	15 65
American Express Co., expressing,	11 55
Sundry laborers,	5,153 26
From stock account: Stock for repairing 117 leaks, service pipes, resetting hydrants, street boxes and general repairs,	1,245 19
Total,	\$15,507 82

CONSTRUCTION.

Cost of construction as per report of January 1,	
1893,	\$306,551 30
Cost of stock for construction during	
the year 1893,	\$7,351 02
Amount paid sundry laborers on same,	4,707 89
Cost of stock for street services,	903 70
Amount paid sundry laborers on same,	783 85
	13,746 46
Cost of works, Jan. 1, 1894,	\$320,297 76

STOCK.

Stock on hand Jan. 1, 1893,	\$1,324 55
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Purchased of

Walworth Mfg. Co., fittings, gate boxes, etc.,	50 91
Knowles Pump Works, valves, etc.,	8 40
Davis & Farnum Mfg. Co., iron pipes and castings,	1,419 85
Fitz, Dana & Co., sheet iron and rivets,	1,671 85
J. H. Cunningham Co., pipe and fittings,	629 14
Chadwick Lead Works, pig lead and pipe,	517 84
Osgood & Hart, castings,	251 58
Scrannage Bros., stop cocks,	519 60
New England Water Pipe Co., pipe and fittings,	972 65
Ames Plow Co., tools,	41 84
Eastman's Express, expressage,	65 70
C. G. H. Bennink, corporation bands,	309 90
Ham & Carter, cement,	813 65
B. & M. R. R. Co., freight,	393 63
Robert Philpot, teaming, etc.,	131 99
Sewall & Day Cordage Co., packing,	18 60
Amount carried forward,	\$9,141 68

<i>Amount brought forward,</i>			\$9,141 68
Chapman Valve Mfg. Co., hydrants, gates, etc.,			539 97
M. J. Drummond, iron pipe,			6,137 80
Builders' Iron Foundry, castings,			56 80
National Meter Co., meter,			75 00
Holyoke Hydrant Works, hydrants,			62 50
Geo. H. Sampson, forcite, fuses, etc.,			7 20
Cook Well Co., strainers, labor, boring, etc.,			318 70
Waldo Bros., cement,			57 50
Paid sundry laborers on stock,			701 88
B. & M. R. R. Co., freight			848 44
Ludlow Valve Co.,			451 10
			\$18,398 62

CR.

STOCK USED.

For maintenance,			\$1,245 19
For construction,			8,254 72
For inside services, etc.,			1,536 68
For additional water supply,			411 37
Stock on hand Jan. 1, 1894,			\$6,950 66

STATISTICS.

Number of water takers January 1, 1894,	2,555
“ families,	2,402
“ stores and shops,	112
“ motors,	11
“ boarding houses,	4
“ hotels,	3
“ churches,	7
“ manufactories,	4
“ greenhouses,	4
“ laundries,	6
“ railroad stations,	4
“ horses,	359
“ cows,	74

TOWN.

Town Hall, twelve school houses, five hose houses, one engine house, six stand pipes, two ornamental fountains, five drinking fountains.

Respectfully submitted,

ELBRIDGE H. GOSS,

Water Registrar.

REPORT OF THE SUPERINTENDENT.

To the Board of Water Commissioners,

GENTLEMEN:—In accordance with the usual custom, I herewith submit my annual report.

THE POND.

The following record will show the condition of the pond during the year. The lowest point Jan. 30, and not over the dam during the year.

RECORD.

Rise and fall of pond in 1893.

Jan.	1	133½ in.	below high water mark.		
	10	137½ in.		"	"
	20	143 in.		"	"
	30	148 in.		"	"
Feb.	10	144 in.		"	"
	20	132 in.		"	"
	28	131 in.		"	"
Mar.	10	130½ in.		"	"
	20	100½ in.		"	"
	30	88 in.		"	"
April	10	78¾ in.		"	"
	20	73½ in.		"	"
	30	69½ in.		"	"
May	10	50¾ in.		"	"
	20	42 in.		"	"
	30	42¾ in.		"	"

June	10	45 $\frac{3}{4}$	in. below high water mark.		
	20	49 $\frac{1}{2}$	in.	"	"
	30	52 $\frac{1}{2}$	in.	"	"
July	10	58 $\frac{1}{2}$	in.	"	"
	20	64 $\frac{1}{2}$	in.	"	"
	30	70 $\frac{3}{4}$	in.	"	"
Aug.	10	71	in.	"	"
	20	76 $\frac{1}{4}$	in.	"	"
	30	78 $\frac{3}{4}$	in.	"	"
Sept.	10	83 $\frac{1}{2}$	in.	"	"
	20	89 $\frac{1}{2}$	in.	"	"
	30	95	in.	"	"
Oct.	10	99 $\frac{3}{4}$	in.	"	"
	20	103 $\frac{1}{4}$	in.	"	"
	30	102 $\frac{1}{2}$	in.	"	"
Nov.	10	104 $\frac{1}{4}$	in.	"	"
	20	106 $\frac{1}{2}$	in.	"	"
	30	106 $\frac{1}{2}$	in.	"	"
Dec.	10	102 $\frac{1}{2}$	in.	"	"
	20	100	in.	"	"
	30	93 $\frac{1}{2}$	in.	"	"

COMPARATIVE RECORD.

Showing the lowest points below high-water mark to which the pond has been drawn since 1874.

1874—Lowest point, 43 inches, Dec. 7.

1875—Lowest point, 61 inches, Feb. 22. Pond full, June 23.
Next lowest point, 33 inches, Nov. 10.

1876—Lowest point, 37 inches, Nov. 6. Pond full, March 25.

1877—Lowest point, 33 inches, Sept. 30. Pond full March 15.

1878—Lowest point, 27 $\frac{1}{2}$ inches, Nov. 13. Pond full Jan. 15.
Pond full, second time, Dec. 14.

1879—Lowest point, 45 inches, Dec. 20. Pond full and running over at waste-way from Jan. 1 to May 20.

- 1880—Lowest point, $63\frac{1}{4}$ inches, Dec. 30; highest point May 10; being then twelve inches below high-water mark.
- 1881—Lowest point, 65 inches, Jan. 8, at which time the water was down to the top of the pipe at the gate-house; commenced pumping and continued until Jan. 22. The pump was started again Feb. 6 and run until Feb. 13. Pond full and running over from March 22 to April 30. Next lowest point, 32 inches, Dec. 22.
- 1882—Lowest point, $37\frac{1}{2}$ inches, Dec. 21. Pond full and running over at waste-way, from March 3 to April 3.
- 1883—Lowest point, 82 inches, Dec. 30. The highest point reached was 15 inches below high-water mark, May 30. Commenced pumping Sep. 23, and continued to pump to Dec. 31.
- 1884—Lowest point, $82\frac{1}{2}$ inches, Jan. 1. Pond full and running over from April 16 to May 10. Next lowest point, $40\frac{1}{4}$ inches, Nov. 23.
- 1885—Lowest point, $42\frac{1}{2}$ inches, Oct. 31. The highest point reached on May 24, when it was $2\frac{1}{2}$ inches below high-water mark.
- 1886—Lowest point, 55 inches, Nov. 10. Full pond, running over at water-way from Feb. 14 to April 26.
- 1887—Lowest point, $41\frac{3}{4}$ inches, Dec. 10. Full pond from March 20 to May 10.
- 1888—Lowest point, 38 inches, Feb. 17. Full pond from April 3 to June 2, and from Nov. 30 to Dec. 31.
- 1889—Lowest point, $14\frac{3}{4}$ inches, Oct. 20. Full pond, running over water-way, Dec. 10.
- 1890—Lowest point, 39 inches, Oct. 10. Full pond, running over water-way, Jan. 10 to 30, March 10 to April 10, and May 10 to 30.
- 1891—Lowest point, $83\frac{3}{4}$ inches, Dec. 20. Full pond, running over water-way, Feb. 6 to April 26.
- 1892—Lowest point, 133 inches, Dec. 30. Has not run over water-way during the year.
- 1893—Lowest point, 148 inches, Jan. 30. Has not run over water-way during the year.

TABLE SHOWING LEVELS BELOW SPOT POND ROLLWAY.

Surveys made in 1884 by PERCY M. BLAKE, C. E., and
GEORGE H. BISHOP, C. E.

Below Rollway.	
Feet.	Reservoir 98 feet above rollway.
0.00	Rollway.
5.61	Lowest point on pipe line bet'n Woodland ave. and Ravine rd.
22.39	Summit of Ravine road, near spring barrel in ground.
83.00	Northwest corner Ravine road and Washington street.
92.20	Intersection of Ravine road and Wyoming Avenue.
97.19	Intersection of Trenton street and Wyoming Avenue.
98.53	West rail Boston & Maine railroad at Wyoming station.
0.37	Piazza floor of C. S. Adams' house on Wyoming hill.
99.62	Intersection Berwick street and Wyoming Avenue.
91.56	Corner Main and Foster streets.
86.06	Fall from rollway to top of underpinning of Town Hall.
32.00	Sill of lower window of J. T. Chase's house, Cedar Park.
92.17	Intersection of Main and Essex streets.
41.09	Intersection of Upham street and Bellevue Avenue.
13.78	Sill of Upham street schoolhouse.
18.00	In front of G. C. McFarland's house Chipman Avenue.
3.00	Top of hill, opposite G. S. McFarland's house.
73.00	Track of Boston & Maine railroad, 100 ft. north of Franklin st.
18.00	Foundation of P. W. Curry's house, Orris street.
3.16	Doleful Pond above Spot Pond, Nov. 13, 1884.

HYDRANTS.

The hydrants have been thoroughly examined, cleaned and oiled, during the year, and recently painted.

Nine new ones have been added and located as follows:

One on Porter street.

Two on Washington street.

One on Franklin street.

One on Cass street.

One on Main street.

One on Wyoming avenue, corner Lynde avenue.

One on Lebanon street.

One on Ashmont park.

One on Boardman avenue.

26 GATES SET IN 1893.

One 4-inch on Mt. Vernon street.

One 4-inch on Cumner avenue.

One 4-inch on Cass street.

One 4-inch on Fairmont street.

One 6-inch on Staples street.

One 6-inch on Sibley street.

One 8-inch on Washington street.

One 10-inch on Washington street.

One 12-inch at Whittier's wells.

Three 12-inch on Main street.

Two 6-inch on Pleasant street.

Two 6-inch on Crescent avenue.

Two 6-inch on Frances street.

One 4-inch on School street.

One 4-inch on Franklin street.

One 4-inch on Boardman avenue.

One 6-inch on Lebanon street.

One 6-inch on Ashmont street.

One 6-inch on Ashmont park.

Two 6-inch on Bartlett street.

One 6-inch on Everett street.

PUMPING STATION.

The buildings are in good order. The pumps and boilers are in good repair, and have been well kept.

FURNITURE, STOCK, ETC., ON HAND JAN. 1, 1894.

Stock on hand,	\$6,950 66
Office furniture,	400 00
Tools and fixtures at pumping station,	100 00
Tools and fixtures at shop,	700 00
Horses, wagons, harnesses, robes, blankets, etc.,	850 00

\$9,000 66

Respectfully submitted,

JAMES W. RILEY,
Superintendent.

TOTAL AMOUNT AND LOCATION OF MAIN AND DISTRIBUTING PIPES TO PRESENT TIME.

STREETS.	FEET OF PIPE.							Hyd- rants.	GATES.						
	16-in.	14-in.	12-in.	10-in.	8-in.	6-in.	4-in.		16-in.	12-in.	10-in.	8-in.	6-in.	4-in.	2-in.
Adams Street.....						340	631	1						1	
Albion.....								1						1	
Ashburton Court.....															
Ashland.....							2,065	2						4	
Ashmont.....						615									
Ashmont Park.....						182		1					1		
Auburn.....							372						1		
Avon.....							422							1	
Bartlett.....						400		1					2		
Battery Place.....														1	
Batchelder.....															
Baxter.....						1,181	834	1						2	
Beach Avenue.....						636	494	1					2	1	1
Bellevue Avenue.....						1,416	455	2						1	
Belmont and Belmont Pl.							1,026	4					2		
Belmont.....							738							1	
Berwick.....							1,226½	1						2	
Beverly.....						204	407								
Boardman Avenue.....						660		1							
Botolph.....						232	847	2					2	2	
Brazil.....							1,115	3						2	1
Briggs.....						337									
Burrell.....							270								
Cass.....						582		1						1	
Cedar Park.....							1,206½	2						2	
Charles.....							335	1							
Cherry.....							387							1	
Chester.....							427							1	1
Chestnut.....							817	1							
Chestnut Park.....							226	1						2	
Chipman Avenue.....															
Circuit.....							210								
Cleveland.....							438								
Cleveland.....							1,065	1						2	
Clifton Park.....							390							1	
Cottage.....							1,142							1	
Crescent Avenue.....						266		2						2	
Crescent Avenue.....						450		1					2		
Crystal.....															
Cumner Avenue.....						500									
Cutter.....							338							1	
Dell Avenue.....							1,190								
Dill's Court.....							360	1						1	

TOTAL AMOUNT AND LOCATION OF MAIN AND DISTRIBUTING PIPES TO PRESENT TIME.—Continued.

STREETS.	FEET OF PIPE.								Hyd- rants.	GATES.						
	16-in.	14-in.	12-in.	10-in.	8-in.	6-in.	4-in.	2-in.		1-in.	16-in.	12-in.	10-in.	8-in.	6-in.	4-in.
Eighth									130							
East							534			1					1	
East Russell						448									1	
Eastman Place							300									1
Elliott						216										
Ellsworth Avenue										1					1	
Elm							1,057								2	1
Emerald							508									
Emerson Place																
Emerson						1,627½				7				2	4	
Essex							3,987			4					2	
Everett						285								1		
Faxon							1,890			1						
Faxon																
Fairmount						175										
Felton Place																
Ferdinand						1,130				1						
Fifth							934								3	
First						2,301				3				2		
Florence						150				1					3	
Forest							206									
Foster, East and West						3,959				8						
Frances						705										
Franklin																
Garden						3,452				5				2	2	
Glen						100				1						
Glen							92								1	
Gooch							552								1	1
Goodyear Avenue						1,235				4						1
Goss Avenue							398									
Gould						123								1		
Green						924				2				2		
Green						2,700				3				3		
Greenwood																
Grove							1,263			1					2	1
Grove							2,523			3				1		1
Grove Court						87										
Grundy							162									
Harvard							202									
Harvard						640										
Herbert																
High							220	158½							1	
Highland Avenue							376	600		1					1	
Highland Avenue							406	250						2		
Highland Avenue E.						247										
Hillside Avenue							440			1					1	
Hillside Avenue							337	291								

TOTAL AMOUNT AND LOCATION OF MAIN AND DISTRIBUTING PIPES TO PRESENT TIME.—Continued.

STREETS.	FEET OF PIPE.							Hvd- rants.	GATES.							
	16-in.	14-in.	12-in.	10-in.	8-in.	6-in.	4-in.		2-in.	1-in.	16-in.	12-in.	10-in.	8-in.	6-in.	4-in.
Holbrook Court						250										1
Hopkins						535										
Howard						2,112	940	383							2	
Howie Court						235	217		3							
Hurd							768								1	
Ingalls Court								209								
Irving						260								1		
Lake Avenue							1,230		1						2	
Lebanon						3,800	3,550		4					2	5	
Linden						159	435	200	1							1
Linden Place								286								
Linwood Ave. and Lynde.						774	3,776		2						5	
Lynde Avenue						300										
Main		3,000	4,034			2,701	1,272	701	13		5				3	
Malvern						850	380		2						3	
Maple and Poplar							2,265½		2						3	1
Melrose							2,449½		4						5	
Melrose Place							673								1	
Meridian						1,536			2							
Morgan						240										
Mountain Avenue						200	144								1	
Mt. Vernon							551		2						2	
Mt. Vernon Place							224								1	
Myrtle							2,230		3						6	
Myrtle and Glen Ave.						310	635		1					1	1	
North Avenue						310	202								1	
Oakland							1,161		75						2	
Orient Avenue							1,047									
Orient Place						263		184	1					1		
Orris						1,179	1,268		2						4	1
Otis								780								
Panama						112										
Para						268										
Park						1,526	4		2							
Parker								288								
Perham Court							275									
Perkins																1
Pine							236									
Pleasant							338		1						1	1
Pleasant						617								2	1	
Porter						1,205	2,514½		5						2	2

TOTAL AMOUNT AND LOCATION OF MAIN AND DISTRIBUTING PIPES TO PRESENT TIME.—Continued.

STREETS.	FEET OF PIPE.							GATES.									
	16 in.	14 in.	12 in.	10 in.	8 in.	6 in.	4 in.	2 in.	1 in.	Hyd- rants.	16 in.	12 in.	10 in.	8 in.	6 in.	4 in.	2 in.
Porter Street Court.....						225											
Pond to Wyoming Avenue.....	3,810																
Pratt.....							378			2	2					1	
Prospect.....							1,026			1						1	
Pump to intersection.....			3,032							2		2					
Reading Hill Avenue.....						650				1							
Rendall Place.....									170								
Reservoir.....	96																
Rowe.....						63	1,331	552		3						4	1
Reservoir to Ravine Road.....			1,370									2					
Russell.....							706									1	
Sanford.....						816	6			2							
Sargent.....						485	900			2						1	
School.....						300		495								1	
Short.....							216									2	
Sibley.....						145										1	
Sixth.....							810									3	
Spear.....						827				1							
Spear Court.....								164									
Staples.....						430											
Stevens Place.....							110	216									
Summer.....							961									2	
Summit Avenue.....							442			2	1					1	
Suction.....			230														
Swain's Pond Avenue.....						680				1							
Sylvan.....						320				1							
Tappan.....						280	230	521	36					1		1	
Tenth.....							419									2	
Third.....						500		247						1		2	1
Tremont.....							3,180	500		3						4	
Trenton.....						1,223	1,331½			2				2		2	
Union.....							673			1						2	
Upham.....							5,581			6						3	
Vine.....							691			1						2	
Vinton.....						4,817½	436			6					4		
Walnut.....							187½									1	
Walton Park.....							1,447			3						1	
Warren.....							1,342			2						2	
Warwick Road.....							86										
Washington.....						1,756	3,045			4				3	2	4	
						3,160											

TOTAL AMOUNT AND LOCATION OF MAIN AND DISTRIBUTING PIPES TO PRESENT TIME.—Continued.

STREETS.	FEET OF PIPE.								Hyd-rants.		GATES.						
	16-in.	14-in.	12-in.	10-in.	8-in.	6-in.	4-in.	2-in.	1-in.	16-in.	12-in.	10-in.	8-in.	6-in.	4-in.	2-in.	
Waverley Place.....							690½			1					1		
West Hill Avenue.....						897	158			1							
Whittier & Whittier's Wells						292		663		1	1						
Willow.....							241			1					1	1	
Winter.....							520			1							
Winthrop Place.....							695½								2		
Winthrop.....							630			1							
Woodland Avenue.....																	
Wyoming Avenue.....	3,360						1,396			4	3			1	1		
Wyoming Park.....							508			1							
Waste.....						55	51							3	2		
Youle.....							1,655½			2					1		
Y. M. C. A. Court.....																	
	7,170	3,096	8,666	3,160	3,078	62,367	101669½	11,968½	738	195	5	6	2	—	45	162	21

Total length of main and distributing pipes, 38½ miles.

REPORT OF THE

Water Loan Sinking Fund Commissioners.

January 1, 1894.

To the Town of Melrose:

The undersigned submit herewith their annual report of the water loan sinking fund, for the year ending December 31, 1893:

Cash on hand, January 1, 1893,	\$444 46
Received from Water Commissioners, their surplus for 1892,	3,886 90
Received from Town of Melrose and Melrose Savings Bank, interest,	142 39
	\$4,473 75

There has been bought for the Sinking Fund four bonds of Melrose Water Loan, issue of Oct. 1893, \$1,000 each, at par,	\$4,000 00
Expenses have been incurred,	60 00
Cash on hand in Melrose Savings Bank,	413 75
	\$4,473 75

For a more specific account, reference is made to the report of the treasurer.

There is due the sinking fund from the water board, their surplus for the year 1893, viz.: \$7,221.55.

Respectfully submitted,

DANIEL RUSSELL,
JOHN W. FARWELL,
ROYAL P. BARRY,

Water Loan Sinking
Fund Commissioners.

WARRANT.

To either of the Constables of the Town of Melrose, in the County of Middlesex: *GREETING.*

In the name of the Commonwealth of Massachusetts, you are hereby required to notify the Inhabitants of the Town of Melrose, qualified to vote in elections and Town affairs, to meet at the Town Hall, on Monday, the fifth day of March, A. D. 1894, at 6 o'clock a. m., then and there to act on the following Articles, viz.:

ARTICLE I. To choose a Moderator.

2. To bring in their votes for Town Officers, and in answer to the question "Shall licenses be granted for the sale of intoxicating liquors in this town?" All ballots are to be furnished by the town, and will be distributed at the polls by officers duly appointed in accordance with provisions of laws accepted by the town. Polls to be kept open until 5.30 p. m.

3. To choose any other Town Officers deemed necessary, or required by law.

4. To authorize the Town Treasurer to borrow money for the purpose of meeting the demands of the town, with the approval of the Selectmen.

5. To hear and act upon the report of the Finance Committee, appointed at meeting Nov. 23, 1893.

6. To determine the amount of money to be raised and appropriated to defray town charges for the ensuing year, and for payment of the town debt.

7. To fix the compensation of all officers and committees elected or appointed by the town.

8. To raise money for the use of water in hydrants, public buildings, etc., and for any other necessary expenses for the ensuing year.

9. To determine the method by which the taxes for the year shall be collected.

10. To see if the town will authorize the Treasurer to sell Water Fund Bonds for the purpose of paying the cost of constructing and extending the water works.

11. To see if the town will raise the sum of \$200 for keeping in repair and decorating the graves of soldiers on Memorial Day.

12. To see if the town will adopt the rules and regulations, regarding plumbing, presented by the board of health at the meeting held Nov. 23, 1893, and ordered printed.

13. To hear and act upon the report of the special committee appointed March 30, 1893, to investigate and report concerning overseers of the poor.

14. To see if the town will revoke the acceptance of chapter 186, of the statutes of the year 1877, entitled, "An act in relation to overseers of the poor."

15. To see if the town will authorize the selectmen or sewer commissioners, when elected, to petition the legislature for authority to issue bonds to be applied to the construction of a system of sewerage in the town of Melrose, and for any other legislation which may be deemed necessary, also to pass any other vote or votes connected with the subject of sewerage which may be desirable.

16. To hear the report of committee on central fire station, and take action in regard to same.

17. To see if the town will vote to build a new central fire station, and authorize the treasurer to borrow money for the same. (By request of board of engineers of fire department).

18. To see if the town will vote to change the fire alarm

bell and striking apparatus from the Franklin street school house to the tower of hose house at Melrose Highlands. (On petition of Geo. J. Bicknell and eleven others).

19. To raise or appropriate the sum of \$420.00 to pay the members of hose company No. 4 the same salaries as paid other hose companies in the town. (By request of board of engineers of fire department).

20. To see if the town will vote to allow S. E. Benson to build a covered stairway over Ell pond brook at or near Main street, to form a part of a building which he proposes to erect on his land bounding upon said Main street. (On petition of Moses S. Page and ten others).

21. To see if the town will raise or appropriate the sum of \$3,500.00 for the purpose of completing the widening of Main street.

22. To see if the town will authorize the selectmen to purchase a new steam road roller, and raise or appropriate money for the same.

23. To see if the town will authorize the selectmen to purchase five horses for use in the highway department, and appropriate money for the same.

24. To see what action the town will take on the recommendation of the selectmen relative to the building of a stable for town purposes.

25. To see if the town will place a fire alarm box at the corner of Third street and Waverley avenue, and appropriate money for the same.

26. To hear and act upon the reports of committees and for the transaction of any other business which may legally come before this meeting.

And you are directed to serve this warrant by posting attested copies thereof at the town hall, each of the post offices and depots in the town, not less than seven days before the day appointed for said meeting, and by leaving

printed copies of the warrant at the dwellings of the legal voters before the day of meeting.

Hereof fail not, and make due return of this warrant, with your doings thereon, to the town clerk, at the time and place of said meeting.

Given under our hand this fifteenth day of February, in the year one thousand eight hundred and ninety-four.

DANIEL NORTON,
C. W. COOK,
WM. A. WATERHOUSE,
EUGENE H. MOORE,
SIDNEY H. BUTTRICK,

Selectmen of Melrose.

A true copy. Attest.

A. B. PIERCE, Constable.

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ERRATA.

Page 81. Balance \$49.71 should read \$48.71.

“ 111. Balance \$1,363.83 should read \$1,363.63.

“ 126. Credit account of treasurer should follow at bottom of
page 123.

“ 128. Water bonds; \$49,000.00 should read \$249,000.00.



REPORTS

OF THE

TOWN OFFICERS OF MELROSE

FOR THE

FINANCIAL YEAR

ENDING DECEMBER 31, 1894.

MELROSE:

DUNTON & POTTER, PRINTERS, REPORTER OFFICE.

1895.

TOWN OFFICERS FOR 1894-95.

SELECTMEN.

DANIEL NORTON, Chairman, C. W. COOK, E. H. MOORE.
JOHN P. DEERING, SIDNEY H. BUTTRICK.

TOWN CLERK.

EDWARD K. BORDMAN.

TREASURER,

GEORGE NEWHALL.

COLLECTOR OF TAXES,
ADDISON LANE.

ASSESSORS.

GEO. C. STANTIAL, Chairman, Term expires 1896.
DEXTER PRATT, " " 1895.
HENRY A. LEONARD, " " 1897.

WATER COMMISSIONERS.

WILBUR D. FISKE, Chairman, Term expires 1895.
GEO. L. MORSE, " " 1896.
GEORGE J. BICKNELL, " " 1897.

WATER LOAN; SINKING FUND COMMISSIONERS.

DANIEL RUSSELL, Chairman, Term expires 1896.
ROYAL P. BARRY, " " 1897.
JOHN W. FARWELL, " " 1895.

SEWER COMMISSIONERS.

S. E. BENSON, Chairman, Term expires 1897.
L. FRANK HINCKLEY, " " 1896.
JOHN LARRABEE, " " 1895.

SCHOOL COMMITTEE.

JOHN O. NORRIS, Chairman, Term expires 1896.
BESSIE B. DEARBORN, " " 1896.
WILLIAM D. STEWART, " " 1895.
ELLA F. McDONALD, " " 1895.
JOHN DIKE, " " 1897.
SUSAN F. FLANDERS, " " 1897.

TRUSTEES OF THE PUBLIC LIBRARY.

ELBRIDGE H. GOSS, Chairman, Term expires 1896.
CHARLES C. BARRY, " " 1895.
CHARLES A. PATCH, Treasurer, " " 1896.
MARY L. CHARLES, Secretary, " " 1897.
RUBY F. FARWELL, " " 1895.
GEO. E. MUNROE, " " 1897.

AUDITOR.

EDWIN C. GOULD.

SUPERINTENDENT OF STREETS.

WALTER B. ELLIS.

OVERSEERS OF THE POOR.

HENRY G. FIELDS, Chairman, Term expires, 1897.
MRS. MARTHA D. BALE, " " 1895.
THOMAS W. RIPLEY, " " 1896.

TOWN OFFICERS FOR 1894-95.

BOARD OF HEALTH.

E. L. WARREN, Secretary,	.	.	.	.	.	Term expires 1897.
FRANK L. WASHBURN,	.	.	.	.	.	" " 1896.
JOHN E. SANBORN, M. D., Chairman,	.	.	.	.	.	" " 1895.

PARK COMMISSIONERS.

M. G. COCHRANE,	.	.	.	.	.	Term expires 1897.
CHAS. H. ADAMS, Chairman,	.	.	.	.	.	" " 1896.
GEORGE T. BROWN,	.	.	.	.	.	" " 1895.

REGISTRARS OF VOTERS.

ALFRED HOCKING, Chairman,	.	.	.	.	Term expires May 1, 1896.
WALTER BABB,	.	.	.	.	" " " 1895.
VICTOR C. KIRMES,	.	.	.	.	" " " 1897

E. K. BORDMAN, Town Clerk, *ex-officio*.

CONSTABLES.

ANSEL B. PIERCE,		FRANK W. McLAUGHLIN,
OSBORNE E. DROWN,		C. F. W. FOGG.

ENGINEERS OF FIRE DEPARTMENT.

A. WILBUR LYNDE, Chief.		ALBON W. PARKER,
	(SAMUEL LEAR, Clerk.	

FOREST FIRE WARDS.

DEXTER PRATT, Chairman.		CHASE C. WORTHEN, Clerk,
CALVIN LOCKE,		JAMES MARSHALL.

MEASURERS OF WOOD AND BARK, WEIGHERS OF HAY AND COAL.

CHARLES B. GOSS,	SETH E. BENSON,	FRED H. GOSS.
------------------	-----------------	---------------

COMMITTEE ON CEMETERIES.

GEORGE NEWHALL, Chairman,		DANIEL RUSSELL,
	JOHN LARRABEE, Secretary.	

FENCE VIEWERS.

DEXTER PRATT,		WALTER C. STEVENS.
---------------	--	--------------------

FIELD DRIVERS.

OTIS HOWARD,		FRANK GIBBONS.
--------------	--	----------------

FOUND KEEPER,		INSPECTOR OF BUILDINGS.
JOSEPH EDWARDS.		DEXTER PRATT.

INSPECTOR OF MILK AND SEALER OF WEIGHTS AND MEASURES,

INSPECTOR OF PROVISIONS AND ANIMALS.

FRANK M. McLAUGHLIN.

POLICE OFFICERS.

PERMANENT FORCE.

F. M. McLAUGHLIN, Chief,		OSBORNE E. DROWN,
JEROME T. SMITH,		WILLIAM A. CASWELL,
CHARLES F. W. FOGG,		REDFORD M. RAND,
HARRY BROWN,		GEORGE E. FULLER.

SPECIAL OFFICERS.

ALLSTON H. PINEO,		JAMES DAVIDSON,
JOHN W. DAVIS,		A. WILBUR LYNDE,
F. A. CARTER,		GEORGE W. BURKE,
ARTHUR L. BRIGHAM,		JOSEPH D. LORD,
H. T. AINSLIN,		JOHN M. HAMLIN.

TOWN OFFICERS FOR 1894-95.

5

PRECINCT OFFICERS.

PRECINCT NUMBER ONE.

WARDEN.
RUFUS S. CARPENTER.
CLERK.
C. W. HARLOW.

DEPUTY WARDEN.
C. N. FOWLER.
DEPUTY CLERK.
R. D. KILGORE.

INSPECTORS.
W. C. JOHNSTON,
DEPUTY INSPECTORS.
E. G. PEARSON,

SAMUEL LEAR.
E. L. CRAGIN.

PRECINCT NUMBER TWO.

WARDEN.
S. A. LOVEJOY.
CLERK.
E. E. BABB.

DEPUTY WARDEN.
W. N. FOLSOM.
DEPUTY CLERK.
HENRY BROWN.

INSPECTORS.
W. A. BURRELL,
C. W. COCHRANE,
DEPUTY INSPECTORS.
FRED C. SHEPARD,
W. DeH. JONES,

C. S. GORDON,
J. H. FOWKES.
W. J. LORD,
J. H. ATKINSON.

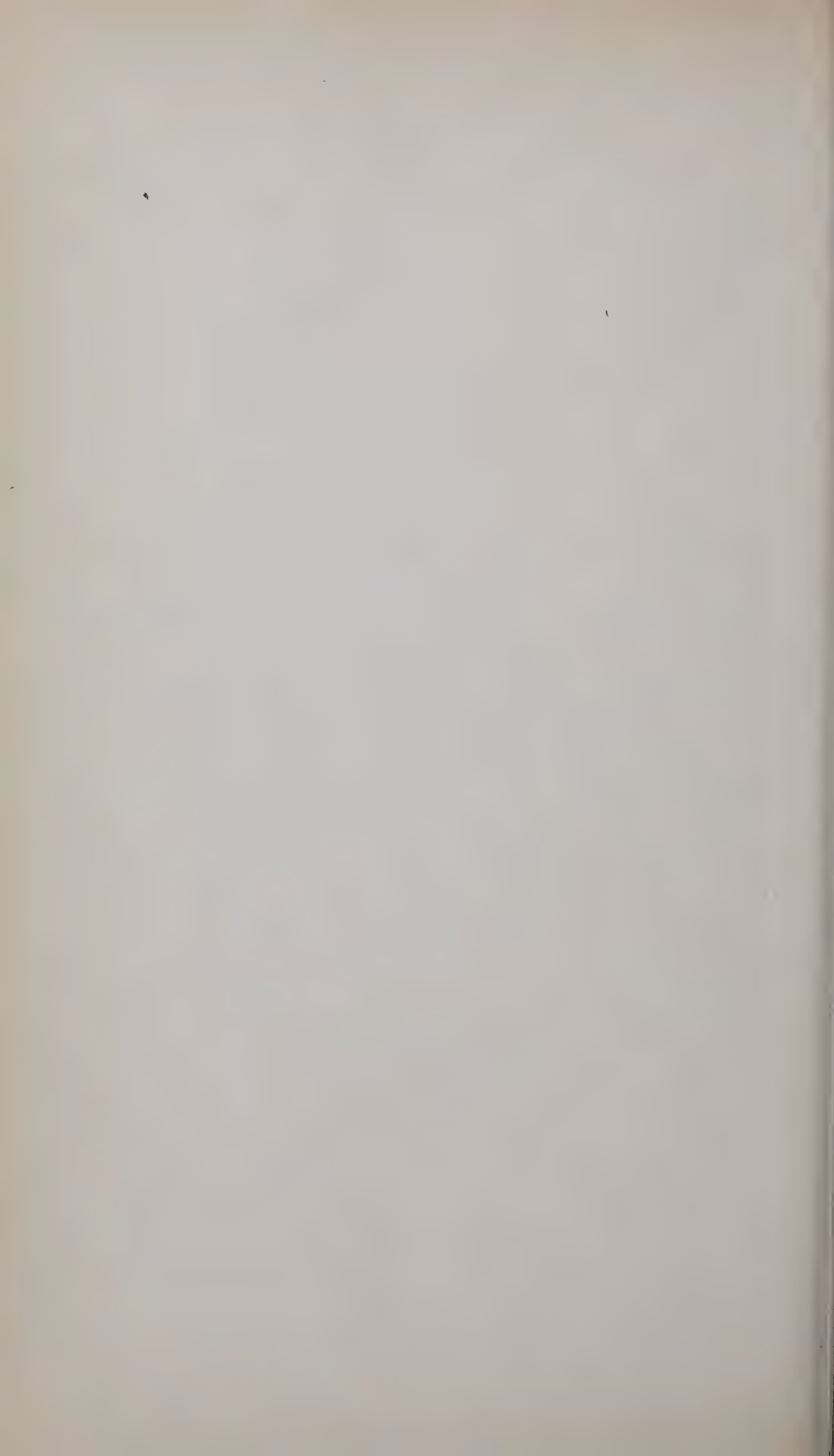
PRECINCT NUMBER THREE.

WARDEN.
LEVI S. GOULD.
CLERK.
G. B. GROTENDICK.

DEPUTY WARDEN.
A. J. BURNETT.
DEPUTY CLERK.
S. D. FARRAR.

INSPECTORS.
G. G. NEWHALL,
HENRY OSBORNE,
DEPUTY INSPECTORS.
F. H. DODGE,
C. C. SWETT,

J. J. McCULLOUGH,
JOHN O. HAYES.
THOS. H. FLYNN,
H. E. JOHNSON.



REPORT OF THE SELECTMEN.

To the Citizens of Melrose :

The selectmen have the honor to submit the following report for the year ending December 31st, 1894.

FINANCES.

The gross debt of the town, January 1st, 1894, . \$428,800

BORROWED DURING THE YEAR.

Water construction, . . .	\$12,000	
In anticipation of taxes, . .	35,000	
Sewer construction, . . .	75,000	
	\$122,000	
Paid during the year, . .	15,000	
		\$107,000
Gross debt, Dec. 31, 1894, . .		\$535,800

Our valuation is on the increase, the gain for the year being \$524,743.00. Total valuation being \$9,924,873.00, as compared with \$9,400,130.00, the valuation of last year.

This is a good showing even for years of prosperity, and we should congratulate ourselves that during the year, which has generally been considered as one of unusual financial depression, that our finances are in such excellent condition.

We have endeavored to keep the expenditures within your appropriations, and have exceeded it only in those departments which we are obliged by statute to maintain—that is the soldiers' relief.

HIGHWAYS.

The streets and sidewalks have been, as in the past, given our constant care and attention. The streets outside of the district where the sewers have been laid are in excellent condition. Prospect street has been built to its full width, Lebanon from the Malden line to Park street has been widened and built to the proper grade, Pleasant street has been covered with crushed stone, covered and rolled, and every street has been attended to when found necessary. Work was commenced at the stone crusher in January and was continued until a supply sufficient for one year's work was produced. As to the streets in the centre of the town, in the section where the sewer has been laid, it is evident that at the present time they are not in as good condition as we could wish ; but according to the terms of the contract, the contractor agrees to put the streets as they were previous to the commencement of the work, and we have the assurance from the sewer commissioners that they will hold him to his contract.

MAIN STREET.

All the claims for damages, occasioned by the widening of Main street, have been adjusted except that of the estate

of Ellen Leonard which is now in the courts. Of the amount expended on the street for labor and material, the sum of \$2,397.09 is for putting the street from Emerson to Porter at the proper grade, cutting down Porter and Lebanon streets at their juncture with Main, and building the wall by the side of Ell pond, and filling in to the required grade. As soon as practicable this street should be macadamized from the Malden line to Porter street.

TOWN HALL.

By vote of the town, an agreement was entered into by the selectmen and the trustees of the public library, with the trustees of the Young Mens' Christian Association, to lease suitable rooms in their new building for the public library. The Melrose National Bank has also leased rooms in the same building. By the removal of the public library and bank from the Town Hall, suitable arrangements can be made to accommodate the several departments of the town. The income for the past year has been barely sufficient with the appropriation to meet the general expenses. Owing probably to the business depression, the hall has not been let as well as in previous years, the receipts for 1894 being \$905.40, against \$1127.12 for 1893, a loss of \$221.72 in revenue, and with the prospect of the lyceum being given up, and the loss of the rental for the Melrose National Bank, a larger appropriation will be necessary for the use of the Town Hall. From a financial standpoint, it may not be the proper time now to make any extensive repairs upon the building, but for the credit of the town in having its buildings look neat and reputable, and to save more extensive repairs in the immediate future, there should be a certain amount done at the present time.

STREET LIGHTS.

At the annual town meeting in March, we asked for an appropriation of \$9000 so the town could be properly lighted, but the town saw fit to appropriate only \$8000, and to make this amount so it would light the sections already supplied with lamps, we were obliged to cut the number of nights from twenty-five a month down to twenty. This is the service we have had since July 1st. We can continue this twenty night contract for \$650.13 per month, or twenty-five nights for \$763.50. It is for the town to decide, by the amount appropriated for these lights, whether they will have a twenty or twenty-five night service. The service given we do not admit is of the best, and have made numerous complaints, but they say that we receive good value and that the voltage is up to the amount contracted for.

CLAIMS.

During the year numerous claims have been presented to the town for personal injuries and damages to property, and wherever the case has appeared to be one in which the town was liable, it has been our endeavor to settle the same satisfactorily without recourse to the courts. No claims have been settled without a full investigation, and the facts warranting the same. The following are the claims and their manner of disposal.

Mrs. Armington, by falling on icy sidewalk on Baxter street, breaking her wrist, settled for \$40.

T. Kerwin, damage to cart by reason of defect in highway, settled for \$10.

John Hitchings, accident to his child by reason of falling over a water shut-off, \$100.

Albert Nowell, for injuries received by falling on icy sidewalk, claim \$400, settled for \$50.

Thomas J. Ryder, injuries received by falling in sewer trench on Foster street, referred to sewer commissioners.

PUBLIC HEARINGS.

On petition of Isaac V. Sypher that he be granted a license to carry on a hacking business at the Wyoming station, a hearing was held August 27, and the petition refused.

On petition of Geo. W. Bartlett that he be granted a license for a pool and billiard room on Foster street, a hearing was given Dec. 27, 1894 and the petition refused.

SUITS TO WHICH THE TOWN IS A PARTY.

Louis R. Wallis vs. Town of Melrose, action of tort for alleged damages by reason of a defect in the highway.

Elizabeth F. Fitzpatrick vs. Town of Melrose, action of tort for alleged damages by reason of icy sidewalk.

Heath vs. Town of Melrose, for alleged breach of contract by the sewer commissioners.

Ellen Leonard vs. Town of Melrose, on account of widening of Main street.

Town of Melrose vs. Hiland, pending before the Supreme Court.

A. V. Lynde vs. Town of Melrose, for trespass by water commissioners.

A. V. Lynde vs. Town of Melrose, for taking of land by joint water board.

The following suits against the town have been settled:

IN THE COURTS.			JUDGMENT.
S. S. Bugbee, on account of widening Main street,			\$202 12
Bugbee & Barrett,	"	"	594 64
Justus Geist,	"	"	133 56
Geo. K. Harmon,	"	"	123 87
Aaron Hill,	"	"	745 99
Emeline S. Maxwell,	"	"	279 59
Eliza H. Curtis,	"	"	300 25
Joseph Edwards,	"	"	1,212 67
Carrie L. Spear,	"	"	408 50
Emily S. Morse, action for tort,	.	.	899 81

SETTLED BY COUNSEL.

J. C. Maker, on account of widening Main street,			505 00
Jas. McIntyre,	"	"	400 00
T. McCoubry,	"	"	274 12
Geo. F. Boardman,	"	"	600 00
E. S. Jack,	"	"	600 00

RULES FOR THE REGULATION OF CARRIAGES IN THE TOWN OF MELROSE, JULY 1, 1894.

Owing to the many complaints from citizens of the overcrowding of the sidewalks and streets at the railway stations in the town by public carriages, it was voted, in accordance with Chap. 197 of the Acts of 1885, to make the following rules and regulations for the government of hackney carriages in the town.

Sect. 1. No person shall set up and use any vehicle for the conveyance of passengers for hire, or wagons, carts, sleighs, or other vehicles for the conveyance from place to place within the town of Melrose for hire, or any goods, wares, furniture, merchandise, or other articles of transpor-

tation, without a license for every such vehicle so set up and used.

Sect. 2. Every person licensed to set up and use hackney carriages shall have marked in a conspicuous place on the outside of each carriage and upon each side thereof, the number of the license in plain figures of not less than one inch in height, and so that the same may be distinctly seen.

Every person licensed to set up and use any wagon, cart sleigh or other vehicle, as aforesaid, shall have placed upon the outside of each vehicle and upon each side thereof, the name of the owner and the number of the license in plain, legible words and figures of not less than one inch in height.

Sect. 3. No stand for any vehicle shall be allowed in front of any premises without the consent of the owner or occupant of said premises.

Sect. 4. No person shall permit any cart, carriage or vehicle of any description, under his care or control, to stand in any street so as to obstruct the travel over the same; and no person shall permit any such cart, carriage or vehicle under his care to stop upon or stand across any crosswalk in any street.

Sect. 5. No owner, driver or other person not licensed as aforesaid, having charge of any hackney carriage, truck, wagon or other vehicle, shall stand for employment with such carriage, truck, wagon or other vehicle, in any public way; and no person licensed as aforesaid shall stand for employment with his carriage, truck, wagon or other vehicle, in any public way, except at the stand assigned to such carriage, truck, wagon or other vehicle, by the board of selectmen under penalty of not less than two or more than twenty dollars.

Sect. 6. Every hack, cab, omnibus or other vehicle,

whether on wheels or runners, which shall be used for the conveyance of passengers for hire, from place to place within the town, shall be deemed a hackney carriage within the meaning of these regulations.

Sect. 7. All licenses granted as aforesaid shall expire on the first day of July next after the date thereof, and may be revoked at the pleasure of the board of selectmen, No license shall be sold, assigned or transferred without the consent of said board, and such consent shall be endorsed on the license and on the record thereof by the town clerk.

Sect. 8. No owner, driver or other person having charge of any vehicle, which stands in any particular place by virtue of a license, shall, under penalty not exceeding twenty dollars, leave such vehicle, when upon the stand attached to a horse, unless he put the same in care of some suitable person.

The person in whose name a license is taken out under the provisions of these regulations shall be considered the owner of the vehicle mentioned in the license and shall be liable to all penalties herein contained while he holds such license. The chief of police is charged with the enforcement of these provisions.

Sect. 9. Whosoever violates any of the provisions of these regulations shall be liable to a penalty not exceeding twenty dollars for each offense.

Sect. 10. The fee for any license provided for by these regulations shall be one dollar.

Sect. 11. The chief of police shall be the inspector of public carriages and shall have general supervision of all hackney carriages, cabs and other public vehicles (except street railway cars), and shall enforce all rules and regulations relating to the same. He shall examine and report upon all applications for licenses to set up and use such ve-

hicles and to drive the same, and shall keep a record of all licenses granted.

Sect. 12. He shall also be the inspector of wagons, and shall have general supervision of all vehicles used for the transportation of goods, wares, merchandise and materials for hire, from place to place within the town, and shall enforce all the rules and regulations relating to the same. He shall examine and report upon all applications for licenses for such purposes, and keep a record of all licenses granted.

In closing our report, we may well congratulate ourselves upon the general prosperity of the town, and thanking our fellow citizens for their kind and generous support in the transaction of our official duties.

We are respectfully,

DANIEL NORTON,
SIDNEY H. BUTTRICK,
JOHN P. DEERING,
EUGENE H. MOORE,
CHARLES W. COOK,

Selectmen of Melrose.

RECORDS OF TOWN MEETINGS IN 1894.

WARRANT FOR MEETING,

JANUARY 4th, 1894.

To either of the Constables of the Town of Melrose, in the County of Middlesex: *GREETING.*

In the name of the Commonwealth of Massachusetts, you are hereby required to notify the inhabitants of the town of Melrose, qualified to vote in elections and town affairs to meet at the Town Hall, on Thursday, the fourth day of January, A. D. 1894, at 7.45 o'clock, p. m., then and there to act on the following articles, viz.:

Article 1. To choose a moderator.

Art. 2. To see if the town will make a contract for an additional supply of water, in accordance with the recommendation of the committee on additional water supply.

Art. 3. To see if the town will accept the provisions of law relating to the election of sewer commissioners, as provided by the Acts of 1893, chapter 417, section 272.

Art. 4. To see if the town will instruct the committee on sewerage, to advertise for proposals to construct the whole or any portion of the sewerage system.

Art. 5. To see if the town will join the city of Malden and city of Medford and release unto the town of Stoneham all the right, title, interest and estate said cities and town of Melrose have in and to a lot of land containing about eleven

acres and situate in Stoneham and being the lot marked "Jos. W. Wilson" on plan of lands taken by said cities and town of Melrose recorded with Middlesex So. Dist. Deeds, Book of Plans No. 69, Plan No. 19.

Art. 6. To see if the town will join with the city of Malden and city of Medford and release unto Edwin S. Blaine all the right, title, interest and estate which said cities or town have in and to a lot of land situate in Stoneham containing about seventy-four one hundredths of an acre, being the lot marked "Samuel Cabot" on plan of lands taken by said cities and town of Melrose, recorded with Middlesex So. Dist. Deeds, Book of Plans No. 69, Plan No. 9.

Art. 7. To hear and act upon the reports of committees and for the transaction of any other business which may legally come before this meeting.

And you are directed to serve this warrant by posting attested copies thereof at the Town Hall, each of the post offices and depots in the town, not less than seven days before the day appointed for said meeting, and by leaving printed copies of the warrant at the dwellings of the legal voters before the day of meeting. Hereof fail not, and make due return of this warrant, with your doings thereon, to the town clerk, at the time and place of said meeting.

Given under our hands this twenty-sixth day of December in the year one thousand eight hundred and ninety-three.

DANIEL NORTON,
EUGENE H. MOORE,
WM. A. WATERHOUSE,
CHARLES W. COOK,
SIDNEY H. BUTTRICK,

Selectmen of Melrose.

A true copy. Attest,

A. B. PIERCE, Constable.

Meeting January 4, 1894, 7.45 o'clock.

Article 1. Chose Levi S. Gould, Moderator.

Art. 2. *Voted*, That the town hereby adopt and ratify the contract or agreement made by the committee on additional water supply, (duly authorized by a previous vote) with the Middlesex Fells Spring Co., or its legal representatives, when lawfully incorporated to do business in this Commonwealth, and the said committee are hereby authorized in behalf of the town to sign said contract or agreement, and the treasurer is also authorized to pay upon said contract such sums for water furnished and delivered as may be approved by the board of water commissioners in accordance with the terms and conditions of the contract.

The above vote was taken by check lists, "Yes" and "No" ballots being used, and resulted "Yes" 59, "No" 18, Total 77.

Art. 3. *Voted*, That we hereby accept the provisions of Chapter 417, Acts of 1893, which relate to the election of sewer commissioners in towns, and that at the next annual meeting, three commissioners shall be elected to serve, one for one year, one for two years, and one for three years, in the same manner as other town officers are now elected and in accordance with provisions of statutes heretofore accepted, which relate to the Australian system as applied to town elections.

Vote taken by check list, "Yes" and "No" ballots being used. Unanimous vote,—19 votes being cast in the affirmative.

Voted, To take up

Art. 7. Report of committee on sewerage, submitted by

chairman, together with the report of Engineer Stevens to the committee, including also specifications, form of contract, etc.

Report accepted.

Voted, That all the documents submitted by the committee be printed in pamphlet form under direction of the Selectmen, and distributed to the citizens of the town.

Art. 4. *Voted*, That the committee on sewerage be authorized to advertise for proposals for the construction of that portion of sewer as recommended in report of said committee.

Art. 5. *Voted*, That the town of Melrose, the city of Malden, and the city of Medford concurring, doth hereby authorize and empower its treasurer, George Newhall, in the name and behalf of the town of Melrose to join with such person or persons as the city of Malden and the city of Medford shall severally designate and authorize to act on the part of their several municipalities, and to release and quitclaim, in conjunction with the city of Malden and the city of Medford unto the town of Stoneham, all the right, title, interest and estate which said cities and town of Melrose have in and to the following described lot of land formerly belonging to Joseph W. Wilson, situate in said Stoneham, on the westerly side of Andover turnpike, by the virtue of a taking thereof hereinafter referred to, by said city of Malden and the town (now city) of Medford, and town of Melrose, with the reservations and agreements in favor of said cities and town of Melrose hereinafter stated, viz: A certain lot of land situate in said Stoneham, on the westerly side of the Andover turnpike, so called, and bounded and described as follows, viz:—Beginning at the southeasterly

corner thereof on said turnpike by land of Elbridge Gerry, thence the line runs north $1^{\circ} 18''$ west on said turnpike two hundred forty-seven (247) feet to a monument ; thence north $12^{\circ} 45'$ east on said turnpike three hundred eighty-one (381) feet to land of E. J. Wadsworth ; thence north $79^{\circ} 16'$, west, two hundred fifty nine (259) feet ; thence north 85° west, fifty (50) feet ; thence north $76^{\circ} 36'$ west, seventy-three (73) feet ; thence north 79° west, one hundred fifty (150) feet ; thence north $31^{\circ} 14'$ west, four hundred eighteen (418) feet ; thence north one hundred thirty-two and nine-tenths (132.9) feet, to a corner ; thence north $76^{\circ} 45'$ west, one hundred thirty-nine (139) feet to other land of said Wilson, the last seven courses being all by land of said Wadsworth ; thence south 10° east, one hundred seventeen (117) feet ; thence south $15^{\circ} 30'$ east, four hundred fifty and 24-100 (450.24) feet ; thence south $20^{\circ} 25'$ east, nine hundred thirty-one and 14-100 (931.14) feet to land of Elbridge Gerry, said last three courses being by other land of said Wilson ; thence north 17° east, one hundred fifteen (115) feet to a corner ; thence south $74^{\circ} 50'$ east, one hundred eighty and 9-10 (180.9) feet ; thence north $3^{\circ} 17'$ west, one hundred seventy-three and 87-100 (173.87) feet ; and thence south 79° east, one hundred thirty-five and 58-100 (135.58) feet to the point of beginning ; said last four courses being by said land of Gerry. Containing eleven (11) acres, more or less, and being the lot marked Joseph W. Wilson on a plan of land supposed to belong to Joseph W. Wilson, taken by the city of Malden and the towns of Medford and Melrose under the Water Acts, surveyed by I. S. Lucas, C. E., January, 1891, and recorded with Middlesex South District Plans, Book of Plans No. 69, Plan No. 19, to which reference is hereby made. And the conveyance thereof is to be made subject to the following reservation and agreements, to wit : That said cities and town of Melrose reserve a convenient and

practical right of way in and over the said premises twenty-five feet wide, from said turnpike to some convenient entrance to and upon the land of said cities and town of Melrose, situate northerly of and adjoining the described premises, for passing and repassing therein with carts, teams, and on foot. Said town of Stoneham to agree for itself and its assigns to and with said cities and town of Melrose that neither it nor they will hinder or divert the natural flow of water over and across said premises to Spot pond and its tributaries, nor will use nor will allow said premises to be used for such purposes or in such manner as will endanger the purity of the waters of Spot pond, or its tributaries, and with the agreement by said town of Stoneham for itself and its assigns that said town of Stoneham or its assigns will keep the low ground part of said premises free of filth and with suitable channel for the free passage of water across the same, or will permit the grantors or either of them to enter and do the same by their servants and agents as occasion may require.

Art. 6. *Voted*, That the town of Melrose, the city of Malden, and the city of Medford concurring, doth hereby authorize and empower its treasurer, George Newhall, in the name and behalf of the town of Melrose to join with such person or persons as the city of Malden and the city of Medford shall designate and authorize to act on the part of their several municipalities and to release and quitclaim in conjunction with the city of Malden and the city of Medford unto Edwin S. Blaine, of said Malden, all the right, title, interest and estate, which said cities and town of Melrose have in and to the following described lot of land situate in Stoneham in the Commonwealth of Massachusetts, on the easterly side of Pond street, by virtue of a taking thereof, hereinafter referred to, by the city of Malden and the town

(now city) of Medford and the town of Melrose, to wit :— Beginning at the northwesterly corner thereof, on said Pond street, by land now or late of heirs of William Foster, thence the line runs north $4^{\circ} 57'$ east by said Foster land eighty-two (82) feet ; thence south $70^{\circ} 57'$ east, by other land of said Blaine, one hundred thirty-five (135) feet ; thence south $59^{\circ} 02'$ east by other land of said Blaine four hundred ninety-three and $58-100$ (493.58) feet to said Pond street; thence about northwesterly on said Pond street to the point begun at ; being the lot marked "Samuel Cabot" on a plan of lands taken by the city of Malden and the towns of Medford and Melrose under the Water Acts, surveyed by I. S. Lucas, C. E., January, 1891, and recorded with Middlesex South District Deeds, Book of Plans 69, Plan No. 9.

Previous to passage of vote under Article 2, a verbal report was made by the committee on additional water supply, which was accepted by vote.

Voted, to adjourn.

WARRANT FOR MEETING,

MARCH 5th, 1894.

To either of the Constables of the Town of Melrose in the County of Middlesex:

GREETING.

In the name of the Commonwealth of Massachusetts, you are hereby required to notify the inhabitants of the town of Melrose, qualified to vote in elections and town affairs to meet at the Town Hall, on Monday, the fifth day of March,

A. D. 1894, at 6 o'clock, a. m., then and there to act on the following articles, viz.:

Article 1. To choose a moderator.

Art. 2. To bring in their votes for town officers, and in answer to the question "Shall licenses be granted for the sale of intoxicating liquors in this town?" All ballots are to be furnished by the town, and will be distributed at the polls by officers duly appointed in accordance with provisions of laws accepted by the town. Polls to be kept open until 5.30 p. m.

Art. 3. To choose any other town officers deemed necessary, or required by law.

Art. 4. To authorize the town treasurer to borrow money for the purpose of meeting the demands of the town, with the approval of the selectmen.

Art. 5. To hear and act upon the report of the finance committee, appointed at meeting Nov. 23, 1893.

Art. 6. To determine the amount of money to be raised and appropriated to defray town charges for the ensuing year, and for payment of the town debt.

Art. 7. To fix the compensation of all officers and committees elected or appointed by the town.

Art. 8. To raise money for the use of water in hydrants, public buildings, etc., and for any other necessary expenses for the ensuing year.

Art. 9. To determine the method by which the taxes for the year shall be collected.

Art. 10. To see if the town will authorize the treasurer to sell water fund bonds for the purpose of paying the cost of constructing and extending the water works.

Art. 11. To see if the town will raise the sum of \$200 for keeping in repair and decorating the graves of soldiers on Memorial day.

Art. 12. To see if the town will adopt the rules and regulations regarding plumbing, presented by the board of health at the meeting held Nov. 23, 1893, and ordered printed.

Art. 13. To hear and act upon the report of the special committee appointed March 30, 1893, to investigate and report concerning overseers of the poor.

Art. 14. To see if the town will revoke the acceptance of chapter 186, of the statutes of the year 1877, entitled, "An act in relation to overseers of the poor."

Art. 15. To see if the town will authorize the selectmen, or sewer commissioners, when elected, to petition the legislature for authority to issue bonds to be applied to the construction of a system of sewerage in the town of Melrose, and for any other legislation which may be deemed necessary; also to pass any other vote or votes connected with the subject of sewerage which may be desirable.

Art. 16. To hear the report of committee on central fire station, and take action in regard to same.

Art. 17. To see if the town will vote to build a new central fire station, and authorize the treasurer to borrow money for the same. (By request of board of engineers of fire department).

Art. 18. To see if the town will vote to change the fire alarm bell and striking apparatus from the Franklin street school house to the tower of hose house at Melrose Highlands. (On petition of Geo. J. Bicknell and eleven others.)

Art. 19. To raise or appropriate the sum of \$420.00 to pay the members of hose company No. 4 the same salaries as paid other hose companies in the town. (By request of board of engineers of fire department.)

Art. 20. To see if the town will vote to allow S. E. Benson to build a covered stairway over Ell pond brook at or near Main street, to form a part of a building which he pro-

poses to erect on his land bounding upon said Main street. (On petition of Moses S. Page and ten others.)

Art. 21. To see if the town will raise or appropriate the sum of \$3,500.00 for the purpose of completing the widening of Main street.

Art. 22. To see if the town will authorize the selectmen to purchase a new steam road roller, and raise or appropriate money for the same.

Art. 23. To see if the town will authorize the selectmen to purchase five horses for use in the highway department, and appropriate money for the same.

Art. 24. To see what action the town will take on the recommendation of the selectmen relative to the building of a stable for town purposes.

Art. 25. To see if the town will place a fire alarm box at the corner of Third street and Waverly ave., and appropriate money for the same.

Art. 26. To hear and act upon the reports of committees and for the transaction of any other business which may legally come before this meeting.

And you are directed to serve this warrant by posting attested copies thereof at the Town Hall, each of the post offices and depots in the town, not less than seven days before the day appointed for said meeting, and by leaving printed copies of the warrant at the dwellings of the legal voters before the day of meeting. Hereof fail not, and make due return of this warrant, with your doings thereon, to the town clerk, at the time and place of said meeting.

Given under our hand this fifteenth day of February, in the year one thousand eight hundred and ninety-four.

DANIEL NORTON,
CHARLES W. COOK,
WM. A. WATERHOUSE,
EUGENE H. MOORE,
SIDNEY H. BUTTRICK,

Selectmen of Melrose.

A true copy. Attest,

A. B. PIERCE, Constable.

Annual Town Meeting, March 5, 1894, 6 o'clock a. m.

Article 1. Chose Levi S. Gould, Moderator.

Art. 2. Ballot officers appointed by the Selectmen :

Inspectors.

Samuel Lear,
Albon W. Parker.

Deputy Inspectors.

Henry Osborne,
Curtis S. Gordon.

Tellers.

Herbert A. Weeks,	John J. McCullough,
Stephen W. Harvey,	John J. Buckley,
Sidney D. Farrar,	Edgar C. Bridgham,
Thomas T. Bailey,	Chas. W. Cochrane,
Henry E. Johnson.	

Voted, That the transaction of town business be postponed to Monday evening, March 12, 1894, at 7.30 o'clock, p. m., and that when this meeting adjourns it shall be to that time.

Voted, That the adjourned meetings be held on successive Monday evenings at 7.30 o'clock, until the articles in the warrant have been acted upon and final adjournment shall be made.

Polls opened at 6 o'clock a. m. Closed at 5.30 o'clock p. m.

Total number of ballots cast . . . 1342

Ballot box registered 1333

Selectmen.

	VOTES.
Sidney H. Buttrick, 87 Essex street,	926
Charles W. Cook, 59 Walton Park,	920
John P. Deering, 486 Lebanon street,	601
Curtis C. Goss, 20 Chestnut Park,	591
Stephen A. Lovejoy, 50 Youle street,	564
Eugene H. Moore, 220 Porter street,	965
Daniel Norton, 11 Chestnut street,	752
William A. Waterhouse, 26 Oakland street,	456
Scattering,	1
Blanks,	934
Total,	6710

Town Clerk.

Edward K. Bordman, 94 Cottage street,	1190
Scattering,	2
Blanks,	150
Total,	1342

Town Treasurer.

George Newhall, 96 Myrtle street,	1146
John Larrabee, 34 Foster street,	38
Blanks,	158
Total,	1342

Collector of Taxes.

Addison Lane, 143 Myrtle street,	1158
Blanks,	184
Total,	1342

Assessor, for three years.

Henry A. Leonard, 499 Lebanon street, . . .	735
Arthur M. Willis, 48 Baxter street, . . .	444
Scattering	1
Blanks,	163
Total,	<u>1342</u>

Sewer Commissioner, for three years.

Seth E. Benson, 9 Cedar Park,	664
Levi S. Gould, 280 Main street,	501
Scattering,	1
Blanks,	176
Total,	<u>1342</u>

Sewer Commissioner, for two years.

L. Frank Hinckley, 123 Foster street, W., . .	1069
Scattering,	3
Blanks,	270
Total,	<u>1342</u>

Sewer Commissioner, for one year.

John Larrabee, 34 Foster street, W., . . .	785
Peter J. Lynch, 29 Circuit street,	404
Blanks,	153
Total,	<u>1342</u>

Water Commissioner, for three years.

George J. Bicknell, 92 Highland ave., . . .	1082
Scattering,	2
Blanks,	258
Total,	<u>1342</u>

Water Loan Sinking Fund Commissioner, for three years.

Royal P. Barry, 53 Oakland street,	1045
Scattering,	2
Blanks,	295
Total,	1342

School Committee, for three years.

John Dike, 120 Emerson street, W.,	666
Susan F. Flanders, 22 Hillside avenue,	618
Mrs. Frank J. Hunt, 25 Rowe street,	316
John C. Maker, 2 Mt. Vernon place,	602
Scattering,	2
Blanks,	480
Total,	2684

Trustees of Public Library, for three years.

Mary L. Charles, 55 Hillside avenue,	1022
George E. Munroe, 34 So. High street,	993
Scattering,	1
Blanks,	668
Total,	2684

Auditor.

Edwin C. Gould, 334 Main street,	1073
Scattering,	4
Blanks,	265
Total,	1342

Overseer of the Poor, for three years.

Henry G. Fields, 143 Rowe street,	1045
Scattering,	5
Blanks,	292
Total,	1342

Overseer of the Poor, for two years.

Rufus D. Kilgore, 63 Sargent street, . . .	347
Thomas W. Ripley, 24 Cliff street, . . .	632
Blanks,	363
Total,	<u>1342</u>

Board of Health, for three years.

Ephraim L. Warren, 616 Main street, . . .	911
Scattering,	4
Blanks,	427
Total,	<u>1342</u>

Park Commissioner, for three years.

Maurice G. Cochrane, 63 Howard street, . .	1006
Blanks,	336
Total,	<u>1342</u>

Constables,

Osborne E. Drown, 43 Foster street, E., . .	1027
C. F. W. Fogg, 102 Foster street, E., . . .	1022
Frank M. McLaughlin, 41 Upham street, . .	949
Ansel B. Pierce, 10 Emerson street, E., . .	1053
Scattering,	3
Blanks,	1314
Total,	<u>5368</u>

License Question.

"Yes,"	247
"No,"	902
Blanks,	193
Total,	<u>1342</u>

RECOUNT OF BALLOTS.

On petitions duly filed as required by law asking for a recount of ballots cast at an election of town officers, March 5, 1894, for selectmen and school committee, all parties interested were notified to appear at the selectmen's room, Town Hall, Thursday evening, March 8, 1894, at 7.30 o'clock, p. m. The ballots were examined and recounted with the following result :

For Selectmen.

Eugene H. Moore,	962
Sidney H. Buttrick,	927
Charles W. Cook,	919
Daniel Norton,	752
John P. Deering,	600
Curtis C. Goss,	591
Stephen A. Lovejoy,	567
William A. Waterhouse,	458
Scattering,	1
Blanks,	933
	6710

For School Committee.

John Dike,	666
Susan F. Flanders,	619
John C. Maker,	604
Mrs. Frank J. Hunt,	314
Scattering,	2
Blanks,	479
	2684

Adjourned Meeting, March 12, 1894, 7.30 p. m.

Met according to adjournment.

Voted to take up article 15.

Voted, That the selectmen, for and in behalf of the town, are hereby authorized to petition the legislature for the passage of an act authorizing the issue of bonds to the amount of one hundred thousand dollars (\$100,000), bearing interest at not exceeding four per cent. per annum, the proceeds to be used for the construction of a sewerage system for the town of Melrose, and for the passage of such other legislation as may be deemed necessary for the building, maintenance and operation of said system.

Art. 3. Officers elected.

Measurers of wood and bark, weighers of hay and coal, Charles B. Goss, Seth E. Benson and Fred H. Goss; fence viewers, Dexter Pratt and Walter C. Stevens; field drivers, Otis Howard and Frank Gibbons; pound keeper, Joseph Edwards; committee on cemeteries, John Larrabee, George Newhall, Daniel Russell; forest fire wards, Dexter Pratt, Calvin Locke, Chase C. Worthen, James Marshall.

Art. 4. *Voted*, unanimously, That the treasurer be authorized, with the approval of the selectmen, to hire money to renew, replace or pay any existing loan or loans, also to hire money in anticipation of the taxes for the current year to meet expenses, and issue notes of the town therefor.

Art. 5. Report of the finance committee read and accepted.

Art. 6. To raise and appropriate the following sums for

the purposes named, being in addition to the balances now to the credit of the following accounts, viz.:

For Contingent expenses,	\$3,000
Fire alarm,	200
Fire department,	7,900
\$500 of which is to be expended for new hose.	
Health department,	1,500
Highways, etc.,	12,000
Insurance,	700
Military aid,	200
Numbering buildings,	50
Public parks,	100
Police department,	7,800
Support of poor,	7,000
Support of schools,	47,000
Interest,	6,000
Concrete sidewalks, the receipts and	2,500

One-half the expense of laying concrete walks opposite estates, to be expended as in previous years. The appropriation, balance and receipts to be expended as follows, viz.:

For repairs of existing walks,	\$500
Continuous walks,	1,500

The remainder to be expended under the direction of the selectmen.

For Soldiers' relief,	\$750
Street lights,	8,000
Town hall, the receipts and	600
Reduction of town debt, bank and corporation tax and	5,000
Public library, the dog tax and	1,000

Deficiencies.

For Highland hose carriage,	\$435 00
Main street widening,	1,500 00
Cleveland street,	1,000 00
Insurance,	28 38
Interest,	1,096 70
Soldiers' relief,	44 86
Town Hall,	97 63

Voted, That the town treasurer be authorized to borrow, not exceeding the sum of twelve thousand dollars (\$12,000), for the purpose of paying the cost of widening and improving Main street, under the direction of the selectmen, and in accordance with the order of the county commissioners.

Art. 7. *Voted*, To raise and appropriate the following amounts to pay salaries of town officers, viz.:

Board of selectmen,	\$1,000
Town clerk,	300
Town treasurer,	500
Town auditor,	300
Overseers of the poor,	300
Three assessors,	750
Clerical services for assessors,	250
Board of health,	150
Registrars of voters,	225
Inspector of buildings,	100
Forest fire wards,	75
Collector of taxes, $\frac{1}{2}$ of 1% on real and personal property, and $7\frac{1}{2}$ % on polls, estimated at	1,200

The salaries of water commissioners shall be \$50 each; cemetery committee, \$25 each; superintendent of streets, \$1,000; water registrar, \$800; superintendent of water

department, \$1,100; treasurer of sinking fund, \$50, sewer commissioners, \$50 each. To be paid from the funds of their several departments.

Art. 8. *Voted*, To raise \$3,000 for the use of water in hydrants, public buildings, etc.

Art. 9. *Voted*, unanimously, That all single poll and personal taxes be due on delivery of bills, and payable on or before October 1, 1894. That all other taxes be made payable on or before October 1, 1894, and that interest be added upon all taxes remaining unpaid after that date at the rate of six per centum, per annum; that all property upon which the taxes remain unpaid June 1, 1895, be sold by the collector in accordance with the provisions of law, and that he be instructed to strictly carry out the provisions of the above vote.

Art. 10. *Voted*, unanimously, That the treasurer be authorized to issue and sell twelve water bonds of the issue of 1893, nos. 39 to 50, for the purpose of paying the cost of construction and extending the water works.

Art. 11. *Voted*, unanimously, To raise the sum of two hundred dollars (\$200), for decorating soldiers' graves on Memorial Day.

Art. 12. *Voted*, unanimously, To adopt the rules and regulations regarding plumbing, presented by the board of health at the meeting held November 23, 1893, and ordered printed.

Art. 13. Report of special committee, appointed March 30, 1893, to investigate concerning the overseers of the poor; read, accepted and committee discharged.

Art. 14. *Voted* to indefinitely postpone.

Voted, to adjourn to Monday evening, March 19, 1894, at 7.30 o'clock.

Adjourned Town Meeting, March 19, 1894, 7.30 p. m.

Met as per adjournment.

Voted, unanimously, That in making contracts for the putting in of the proposed sewer system, the board of sewer commissioners be directed to require that in all work in this town preference shall be given to voters of Melrose; and that the rate of compensation for them be the same as that fixed under similar conditions for work in the highway department of the town.

Art. 16. Report of committee on central fire station, read, accepted, and committee discharged.

Art. 17. Moved and seconded, That the sum of eighteen thousand dollars (\$18,000), be appropriated for the purpose of erecting a central fire station on land belonging to the town on Main street; that a committee of five be appointed to build the same and that the town treasurer be authorized to borrow the said sum. After much animated discussion a vote was taken, using the check lists and printed ballots.

Result of the voting.

Whole number of ballots cast,	.	.	.	.	382
“Yes,”	.	.	.	.	191
“No,”	.	.	.	.	191

Two-thirds not having voted in the affirmative as required by law, the motion was declared not carried.

Mr. Adams gave notice of his intention to ask for a reconsideration.

Voted, To adjourn to Monday evening, March 21, 1894, at 7.30 o'clock.

Adjourned meeting, March 26, 1894, 7.30 o'clock.

Met according to adjournment.

Article 17. *Voted*, unanimously, That the matter of the central fire station be referred back to the old committee, to be brought up again at some future meeting under an article in the warrant; and that the selectmen be added to that committee.

Art. 18. Not a vote.

Art. 19. Referred to the fire department.

Art. 20. Not a vote.

Art. 21. *Voted*, That the sum of thirty-five hundred dollars (\$3,500), be borrowed for the purpose of widening Main street.

Art. 22. *Voted*, To indefinitely postpone.

Art. 23. *Voted*, To indefinitely postpone.

Art. 24. *Voted*, To indefinitely postpone.

Art. 25. Referred to the fire department.

Art. 26. The following preamble and resolution was unanimously adopted :

Whereas, The present method, (or want of method), of displaying the flag of our country upon the school buildings of the town, neither shows proper respect for the flag nor tends to cultivate in the minds of the children a proper regard and reverence for it as the emblem of our nationality:

Resolved, That the school committee be instructed to adopt and enforce such rules as may be necessary to secure the proper display of the flag of our country upon the school buildings of the town.

Voted, To accept the town report of 1893.

Voted, That a committee of five be appointed to consider the expediency of procuring a lot of land suitable for storage purposes, and report at the town meeting.

The selectmen were appointed as that committee.

Voted, That the selectmen be a committee to act in conjunction with the board of selectmen of Stoneham, or, a committee appointed for that purpose, to reset the boundary stones between said towns in accordance with the recent survey made under the auspices of the Commonwealth.

Voted, That the moderator, the town clerk, the town treasurer, and two others to be appointed by the chair, be a committee to design a new seal for the town, and report at a future meeting. The added names are those of Rev. A. G. Bale and Mr. E. H. Goss.

Voted, That the whole matter relating to the accommodation of town officials in the Town Hall building be referred to the board of selectmen with full power.

Voted, To accept the report of the board of selectmen, relating to sign boards, etc.

Voted, To adjourn sine die.

WARRANT FOR MEETING,

MAY 7, 1894.

To either of the Constables of the Town of Melrose, in the County of Middlesex : *GREETING.*

In the name of the Commonwealth of Massachusetts, you are hereby required to notify the inhabitants of the town of Melrose, qualified to vote in elections and town affairs to meet at the Town Hall, on Monday, the seventh day of May, A. D. 1894, at 7.30 o'clock, p. m., then and there to act on the following articles, viz.:

Article 1. To choose a moderator.

Art. 2. To see if the town will accept the provisions of Chapter 323 of the Acts of 1894, entitled "An Act to authorize the town of Melrose to incur indebtedness for the purpose of constructing a system of sewerage," and authorize the issue of the bonds, notes, or scrip, contemplated in the act, designate their denomination, length of time, and interest, and pass any other votes necessary to carry out the will of the town.

Art. 3. To see if the town will authorize its treasurer to borrow money in anticipation of the issue of the sewer bonds.

Art. 4. To see if the town will authorize its treasurer to borrow money in anticipation of the taxes of the current municipal year.

Art. 5. To determine whether the town will vote to fix the time of maturity of its water bonds that have been and shall hereafter be issued, under the Act of 1893, Chapter 433, and ratify and confirm the acts of its treasurer and other officers relating thereto, and establish a sinking fund therefor.

Art. 6. To see what disposition the town will make of

the lot of land and the building thereon, situated at the corner of Main and Lynde streets, known as the Barry lot.

Art. 7. To see what action the town will take in regard to the procuring of new rooms for the public library, in order that the several offices of the town may be properly accommodated in the Town Hall.

Art. 8. To see if the town will accept a deed from James McIntyre, Rhoda P. Littlefield and Homer S. Littlefield, of the land between Main street and Ell pond, from Ell pond brook northerly to land now, or formerly, of McIntyre and Shute.

Art. 9. To hear and act upon the reports of committees, and for the transaction of any other business which may legally come before this meeting.

And you are directed to serve this warrant by posting attested copies thereof at the Town Hall, each of the post offices and depots in the town, not less than seven days before the day appointed for said meeting, and by leaving printed copies of the warrant at the dwellings of the legal voters before the day of meeting.

Hereof fail not, and make due return of this warrant, with your doings thereon, to the town clerk, at the time and place of said meeting.

Given under our hands this twenty-eighth day of April in the year one thousand eight hundred and ninety-four.

DANIEL NORTON,
SIDNEY H. BUTTRICK,
JOHN P. DEERING,
EUGENE H. MOORE,
CHARLES W. COOK,

Selectmen of Melrose.

A true-copy, Attest,

A. B. PIERCE, Constable.

Meeting Monday, May 7, 1894, 7.30 p. m.

Article 1. Chose Levi S. Gould Moderator, by a unanimous vote.

Art. 2. *Voted*, unanimously, That the town accept the provisions of Chapter 323, of the act passed by the General Court of Massachusetts in the year 1894, entitled "An act to authorize the town of Melrose to incur indebtedness for the purpose of constructing a system of sewerage."

Voted, unanimously, That the town issue, under the authority given by said act, one hundred bonds of one thousand dollars (\$1,000), each, bearing date June 1, A. D. 1894, payable in thirty (30) years from said date, with interest payable semi-annually, at the rate of four (4) per cent. per annum, said bonds to bear on their face the words: "Melrose Sewerage Loan, Act of 1894;"—shall be signed by the treasurer and countersigned by the sewerage commissioners of the town.

Voted, unanimously, That the town treasurer sell direct from time to time, seventy-five of the sewerage bonds, the issue of which has just been authorized, for the highest obtainable price, by giving notice, by publication, or otherwise, to the purchasers of municipal bonds, to make sealed bids for the whole or any part thereof. The offer of the highest bidder to be accepted if the same shall be satisfactory to the treasurer, the right being reserved by him to reject any or all of the said bids.

Art. 3. *Voted*, unanimously, That the treasurer be authorized to borrow temporarily such sum or sums of money as may be necessary to pay bills contracted on account of constructing a system of sewerage. Such loan or loans to be paid out of the proceeds from the sale of sewerage bonds.

Art. 4. *Voted*, unanimously, That the treasurer be authorized to borrow, with the approval of the selectmen, a sum of money not exceeding seventy thousand dollars, (\$70,000), in anticipation of the taxes of the current municipal year, and payable therefrom.

Art. 5. *Voted*, unanimously, That the town does hereby ratify and confirm the acts of the treasurer in executing and delivering water bonds to the town to the amount of thirty-eight thousand dollars, (\$38,000), under authority of the votes of the town passed on the 24th of June, 1893, 20th of July, 1893, 11th of September, 1893, and 23d of November, 1893. The said bonds being dated the 1st of October, 1893, payable twenty years from their date, and being bonds Nos. 1-38, inclusive, of the "Melrose Water Loan, Act of 1893," and that the said bonds are hereby adopted as valid obligations of the town.

Voted, further, That the bonds of the town specified in the vote passed on the 12th of March, 1894, being "Melrose Water Loan" bonds, Nos. 39-50, inclusive, shall be dated the 1st of October, 1893, and shall be payable twenty years from their date, and shall be executed and issued in all respects in accordance with the provisions of the said vote and the vote passed on the 24th of June, 1893, and of the Act of 1893, Chapter 433, and the proceeds of the sale of said bonds shall be used only for the purposes specified in the said act.

Voted, further, That the sinking funds that have been and may hereafter be accumulated under the provisions of the Act of 1870, Chapter 160, Section 7, shall be applicable, so far as they may be, to the payment of the principal and interest of the said "Melrose Water Loan," act of 1893, and that the surplus of the net income and the water rents,

together with all amounts appropriated from time to time for the payment of the principal sum shall continue to be set apart as a sinking fund as provided in the said act.

Art. 6. *Voted*, unanimously, That the selectmen be and hereby are authorized to sell for removal the building on the town land on the corner of Lynde and Main streets, known as the Barry lot, and after said building is removed that the said land be transferred to the park commission of the town for public use.

Art. 7. *Voted*, unanimously, That the contract dated April 24, 1894, provisionally made between the board of trustees of the Young Men's Christian Association, of Melrose, and the selectmen and the trustees of the public library of Melrose, for the use by the town of quarters in the building to be erected by said Young Men's Christian Association, is hereby ratified and approved.

Art. 8. *Voted*, unanimously, To accept a deed from James McIntyre, Rhoda P. Littlefield and Homer S. Littlefield, of the land between Main street and Ell pond, from Ell pond brook northerly to land now, or formerly, of McIntyre and Shute.

Art. 9. No business presented under this article.

Voted, To adjourn sine die.

WARRANT FOR MEETING

JULY 9, 1894.

*To either of the Constables of the town of Melrose in the county
of Middlesex:* *GREETING.*

In the name of the Commonwealth of Massachusetts, you are hereby required to notify the inhabitants of the town of Melrose, qualified to vote in elections and town affairs to meet at the Town Hall, on Monday, the ninth day of July, A. D. 1894, at 8 o'clock, p. m., then and there to act on the following articles, viz. :

Article 1. To choose a moderator.

Art. 2. To see if the town will vote to release, in conjunction with the city of Malden and the city of Medford, unto Jonathan Munyan, Simeon Snow and Elmer P. Howe, trustees under a declaration of trust, dated April 12th, 1893, and recorded with Middlesex So. Dist. Deeds, book 2187, page 13, all the right, title, interest and estate which the town of Melrose and the cities of Malden and Medford have in and to a lot of land, situate in that part of Stoneham called Wyoming, and bounded southeasterly on Woodland road, sometimes called Wyoming street, northeasterly on land of Wheildon, northwesterly in part on land formerly of Coleman and in part on land formerly of Caraher, and in part on land conveyed to the said town of Melrose and the cities of Malden and Medford, by said Munyan et als., trustees, and southwesterly on land of the city of Medford, by virtue of a taking thereof by the town of Melrose and the cities of Malden and Medford, the lands to be so released to be more particularly described in the written vote to be offered for the passage by the town, to authorize such release.

Art. 3. To see if the town will vote to release, in conjunction with the city of Malden and the city of Medford,

unto the trustees named in the preceding article, all the right, title, interest, which the town of Melrose and said cities of Malden and Medford have in and to the following lot of land situate in that part of Stoneham called Wyoming, and being lot number one marked Z. H. Mayo, lots number three and four, both marked Alice J. Hall, lot number nine, marked Helen L. Butterfield, lot number ten, marked L. W. Gilman, lot number eleven, marked L. W. Gilman, and lot number eight, marked C. F. Churchill, on a plan of lands taken by the town of Melrose, city of Malden and the town (now city) of Medford, under their water acts, recorded with Middlesex So. Dist. Deeds, Book of Plans number sixty-nine, plan number four, and more particularly to be described in the written vote to be offered for passage by the town authorizing such release.

Art. 4. To see if the town will vote to release, in conjunction with the city of Malden and city of Medford, unto Joel E. Foster all the right, title, interest and estate, which the town of Melrose and the cities of Malden and Medford have in and to the lot of land situate in that part of Stoneham called Wyoming, and being lot number seven, marked Joel E. Foster, on the plan mentioned in article two of this warrant, and unto Patrick J. Coleman, all the right, title, interest and estate which the town of Melrose and said cities have in and to that lot of land, situate in said Wyoming, and being lot number six, marked Patrick J. Coleman on said plan, and unto George F. Coleman all the right, title, interest and estate, which the town and said cities have in and to that lot of land, situate in said Wyoming and being lot number five, and marked George F. Coleman on said plan, by virtue of a taking of said lots of land by the town of Melrose, the city of Malden and the town (now city), of Medford under their water acts, the land to be released

to be more particularly described in the written votes to be offered for passage by the town to authorize such release.

Art. 5. To see if the town will borrow the sum of twenty-five hundred dollars for the purpose of further improvements on Main street.

Art. 6. To hear and act upon the reports of committees and for the transaction of any other business which may legally come before this meeting.

And you are directed to serve this warrant by posting attested copies thereof at the Town Hall, each of the post offices and depots in the town, not less than seven days before the day appointed for said meeting, and by leaving printed copies of the warrant at the dwellings of the legal voters before the day of meeting.

Hereof fail not, and make due return of this warrant, with your doings thereon, to the town clerk, at the time and place of said meeting.

Given under our hands this twenty-ninth day of June in the year one thousand eight hundred and ninety-four.

DANIEL NORTON,
SIDNEY H. BUTTRICK,
JOHN P. DEERING,
EUGENE H. MOORE,

Selectmen of Melrose.

A true copy. Attest,

A. B. PIERCE, Constable.

Meeting Monday, July 9, 1894, at 8 o'clock, p. m.

Article 1. Chose Levi S. Gould Moderator by a unanimous vote.

Art. 2. *Voted*, unanimously, That the town of Melrose in conjunction with the city of Malden and the city of Med-

ford release unto Jonathan Munyan, of Worcester, Simeon Snow, of Cambridge, and Elmer P. Howe, of Boston, in the Commonwealth of Massachusetts, as they are trustees under a declaration of trust dated April 12, 1893, and recorded with Middlesex So. Dist. Deeds, book 2187, page 13, all the right, title, interest and estate which said town and cities have in and to the tract of land hereinafter described by virtue of a taking thereof by the town of Melrose, the city of Malden and the town of Medford (now city of Medford), under their water acts, to wit: a certain lot of land situate in Stoneham, in the part thereof called Wyoming, in said Commonwealth, on the westerly side of Wyoming street, otherwise called Woodland road, and bounded and described as follows, viz: beginning at the north-easterly corner thereof on said Woodland road by land of Wheildon, thence about southwesterly on said Woodland avenue about four hundred and fifty-four and 10-100 (454.10) feet to land of the city of Medford, thence about north-westerly on said land of the city of Medford two hundred and fifty-two and 34-100 (252.34) feet to a stake, thence about north-easterly in part on land deeded to said city of Medford and city of Malden and town of Melrose by said Jonathan Munyan and others, trustees as aforesaid, and in part on land formerly of Caraher, and in part on land formerly of Coleman, about four hundred and seventy-four and 69-100, (474.69) feet, to said Wheildon land to a stake, thence about south-easterly on said Wheildon land about two hundred and twenty and 4-10 (220.4) feet to the point begun at; being a part of the land taken by the city of Malden, town of Medford (now city of Medford), and the town of Melrose as shown on a plan thereof and marked Jonathan Munyan, et als., trustees, and recorded with Middlesex So. Dist. Deeds, book of plans No. 69, plan No. 1. And George Newhall, treasurer of the town of Melrose, is hereby authorized in the

name of said town of Melrose to join with such person or persons as said city of Malden and said city of Medford shall severally authorize to act in effecting such release, and for the consideration of one dollar release and quitclaim the described premises unto said Munyan, Snow and Howe, trustees as aforesaid, their successors, heirs and assigns. Such release to be in full satisfaction of any and all damages by reason of the taking of said premises as aforesaid.

Art. 3. *Voted*, unanimously, That the town of Melrose in conjunction with the city of Malden and the city of Medford, release unto Jonathan Munyan, of Worcester, Simeon Snow, of Cambridge, and Elmer P. Howe, of Boston, in the Commonwealth of Massachusetts, as they are trustees under a declaration of trust dated April 12, 1893, and recorded with Middlesex So. Dist. Deeds, book 2187, page 13, all the right, title, interest and estate which said cities and town have in and to the tract of land hereinafter described by virtue of a taking thereof by the town of Melrose, the city of Malden and the town of Medford (now city of Medford), under their water acts, to wit : a certain lot of land situate in Stoneham, in the part thereof called Wyoming, in said Commonwealth, on the westerly side of Woodland road, called on the plan, hereinafter referred to, Wyoming street, and described as follows, viz.: southerly on Hurd avenue about ninety-seven and 6-10 feet; easterly on said Woodland road, or Wyoming street, about two hundred and forty-six and 60-100 feet; northerly on the land marked Langwood avenue on said plan, about one hundred and one and 7-10 feet; westerly on lot number nine on said plan and marked thereon "Helen L. Butterfield," and lot number five on said plan and marked thereon "Geo. F. Coleman," about two hundred and thirty-seven and 5-10 feet, being lots number three and four (Nos. 3 and 4), and marked "Alice J.

Hall" on a plan of lands taken by said city of Malden and town (now city) of Medford, and town of Melrose under their Water Acts, recorded with Middlesex So. Dist. Deeds, Book of Plans No. 69, Plan No. 4 ; and lot number two (No. 2) on said plan and marked thereon "N. W. Mayo," and lot number one (No. 1) on said plan and marked thereon "Z. H. Mayo."

Also one other parcel of land situate in said Stoneham in said part thereof called Wyoming and westerly of the above described lot of land and bounded and described as follows, viz : —

Northerly on the land marked on said plan "Langwood avenue," about one hundred and seventy feet ; westerly on land formerly of C. F. Churchill, being lot number twelve (No. 12) on said plan about one hundred nine and 59-100 feet ; southerly on lot number eight (No. 8) on said plan and marked thereon C. F. Churchill, and on lot number seven (No. 7) on said plan and marked thereon "Joel E. Foster," and on lot number six (No. 6) on said plan and marked thereon "Patrick J. Coleman," and lot number five on said plan and marked thereon "Geo. F. Coleman ;" easterly on lots numbered one and two on said plan and marked thereon Z. H. Mayo lot number one, N. W. Mayo lot number two. Being the lots number nine (No. 9) on said plan and marked thereon "Helen L. Butterfield," and number ten (No. 10) on said plan and marked thereon "L. W. Gilman," and lot number eleven (11) on said plan and marked thereon "L. W. Gilman," Reference is hereby made to said plan for a more particular description of all the released premises. And said cities and town of Melrose do also hereby release unto said Munyan, Snow and Howe, trustees as aforesaid, all the rights acquired by said taking in and to the said land marked "Langwood avenue" on said plan, so far as it bounds on the above described two parcels of land.

Also one other lot of land situate in said Stoneham in said part thereof called Wyoming on the northerly side of said Hurd avenue and bounded as follows, viz : Southerly on said Hurd avenue about sixty-six feet ; westerly on land of said town of Melrose about one hundred feet ; northerly on said lot number twelve (No. 12) on said plan in part and in part on said lot number eleven (No. 11) on said plan sixty-six feet more or less, and easterly on said lot number seven (No. 7) on said plan about one hundred and three and 6-10 feet. Being lot number eight on said plan and marked thereon "C. F. Churchill."

And George Newhall, treasurer of the town of Melrose, is hereby authorized in the name of said town of Melrose, to join with such person or persons as said city of Malden and said city of Medford shall severally authorize to act in effecting such release, and for the consideration of one dollar release and quitclaim the described premises unto said Munyan, Snow and Howe, trustees as aforesaid, their successors, heirs and assigns.

Such release to be in full satisfaction of any and all damages by reason of the taking of said premises as aforesaid.

Art. 4. *Voted*, unanimously, That the town of Melrose in conjunction with the city of Malden and the city of Medford release unto Joel E. Foster of Chelsea, in the Commonwealth of Massachusetts, all the right, title, interest and estate which said cities and town have in and to the lot of land hereinafter described by virtue of a taking thereof by the town of Melrose, the city of Malden, and the town (now city) of Medford under their water acts, to wit : A certain lot of land situate in that part of Stoneham called Wyoming, in said Commonwealth on the northerly side of Hurd avenue and bounded as follows, viz ; Southerly on said Hurd

avenue about sixty-six feet ; westerly on lot number eight (No.8) on the plan hereinafter referred to and marked thereon "C. F. Churchill" about one hundred and three and 6-10 feet; northerly on lot number eleven (No. 11) on said plan and lot number ten (No. 10) on said plan and both marked thereon "L. W. Gilman," sixty-six feet more or less ; easterly on lot number six (No. 6) on said plan and marked thereon "Patrick J. Coleman," about one hundred and seven and 3-10 feet. Being lot number seven (No. 7) and marked "Joel E. Foster" on a plan of lands taken by said town of Melrose, and said city of Malden and said town (now city) of Medford under their water acts recorded with Middlesex So. Dist. Deeds, Book of Plans No. 69, Plan No. 4.

And George Newhall, treasurer of the town of Melrose is hereby authorized in the name of said town of Melrose to join with such person or persons as said city of Malden and city of Medford shall severally authorize to act in effecting such release, and for the consideration of one dollar release and quitclaim the described premises unto said Joel E. Foster, his heirs and assigns.

Such release to be in full satisfaction of any and all damages by reason of the taking of said premises as aforesaid.

Voted, That the town of Melrose, in conjunction with the city of Malden and the city of Medford, release unto Patrick J. Coleman of Boston, in the Commonwealth of Massachusetts, all the right, title, interest and estate which said town and cities have in and to the lot of land hereinafter described, by virtue of a taking thereof by the town of Melrose, the city of Malden and the town of Medford (now city of Medford), under their water acts, to wit: A certain lot of land situate in that part of Stoneham called Wyom-

ing, in said commonwealth, on the northerly side of Hurd avenue, and bounded as follows: Southerly on said Hurd avenue about sixty-six feet; westerly on lot number seven (No. 7), on the plan hereinafter referred to, and marked thereon "Joel E. Foster," about one hundred seven and 3-10 feet; northerly in part on lot number ten (No. 10) on said plan and marked thereon "L. W. Gilman," and in part on lot number nine (No. 9), on said plan, and marked thereon "Helen L. Butterfield," in all about sixty-six feet; easterly on lot number five (No. 5) on said plan, and marked thereon "George F. Coleman," about one hundred ten and 9-10 feet. Being lot number six (No. 6), and marked thereon "Patrick J. Coleman," on a plan of lands taken by said town of Melrose, said city of Malden and said town of Medford (now city of Medford), under their water acts, recorded with Middlesex South District Deeds, book of Plans No. 69, Plan No. 4.

And George Newhall, treasurer of the town of Melrose, is hereby authorized in the name of the said town of Melrose to join with such person or persons as said city of Malden and said city of Medford shall severally authorize to act in effecting such release, and for the consideration of one dollar release and quitclaim the described premises unto Patrick J. Coleman, his heirs and assigns.

Such release to be in full satisfaction of any and all damages by reason of the taking of said premises as aforesaid.

Voted, That the town of Melrose in conjunction with the city of Malden and the city of Medford, release unto George F. Coleman of Boston, in the Commonwealth of Massachusetts all the right, title, interest and estate which said town and cities have in and to the lot of land hereinafter described, by virtue of a taking thereof by the town of Mel-

rose, the city of Malden and the town (now city) of Medford, under their water acts, to wit: A certain lot of land situate in that part of Stoneham called Wyoming, in said commonwealth, on the northerly side of Hurd avenue, and bounded as follows, viz.: Southerly on said Hurd avenue seventy-three and 8-10 feet; westerly on lot number six (No. 6) on the plan hereinafter referred to, and marked thereon "Patrick J. Coleman," about one hundred ten and 9-10 feet; northerly on lot number nine (No. 9) on said plan, and marked thereon "Helen L. Butterfield;" easterly on lot number four (No. 4) and number three (No. 3) on said plan, both said lots being marked thereon "Alice J. Hall," and in part on lot number two (No. 2) on said plan and marked thereon "N. W. Mayo," in all about one hundred and eighteen feet, being lot number five (No. 5) and marked "Geo. F. Coleman," on a plan of lands taken by said town of Melrose, and said city of Malden and said town of Medford (now city of Medford) under their water acts, recorded with Middlesex South District Deeds, Book of Plans, No. 69, Plan No. 4.

And George Newhall, treasurer of the town of Melrose, is hereby authorized in the name of said town of Melrose, to join with such person or persons as said city of Malden and city of Medford shall severally authorize to act in effecting such release, and for the consideration of one dollar, release and quitclaim the described premises unto said George F. Coleman, his heirs and assigns.

Such release to be in full satisfaction of any and all damages by reason of the taking of said premises as aforesaid.

Art. 5. *Voted* unanimously, That the town borrow the sum of twenty-five hundred dollars (\$2500) for the purpose of further improvements on Main street.

Art. 6. No business under this article.

Voted, To adjourn sine die.

WARRANT FOR MEETING,
NOVEMBER 6, 1894.

*To either of the Constables of the Town of Melrose, in the
County of Middlesex:* *GREETING.*

In the name of the Commonwealth of Massachusetts, you are hereby required to notify the inhabitants of Precinct One, of the Town of Melrose, qualified to vote in elections to meet in the school house on Franklin street, west of the B. & M. R. R. on Tuesday, the 6th day of November, A. D. 1894, at six o'clock a. m., then and there to give in their votes on one ballot :

For governor, lieutenant governor, councillor for the sixth councillor district, secretary of the commonwealth, treasurer and receiver general, auditor, and attorney general and a representative from the seventh district of Massachusetts to the fifty-fourth congress. Also for a senator from the sixth Middlesex senatorial district and for a representative to the general court from the eleventh Middlesex representative district, one county commissioner, a county treasurer and a register of deeds for Middlesex county. Also to give in their votes on the same ballot, "Yes or No,—"
for or against—the following article of amendment to the constitution relative to commissioners of insolvency: "so much of article nineteen of the articles of amendment to the constitution of the Commonwealth as is contained in the following words, 'commissioners of insolvency' is hereby annulled."

The polls shall be opened at six o'clock a. m., and shall be closed at thirty minutes past four o'clock p. m.,

And you are directed to serve this warrant by posting attested copies thereof at the Town Hall, each of the post offices and depots in the town, not less than seven days before the day appointed for said meeting, and by leaving

printed copies of the warrant at the dwellings of the legal voters before the day of meeting.

Hereof fail not, and make due return of this warrant, with your doings thereon, to the town clerk, before the time of said meeting.

Given under our hands this twenty-fifth day of October, in the year one thousand eight hundred and ninety-four.

DANIEL NORTON,
SIDNEY H. BUTTRICK,
EUGENE H. MOORE,
JOHN P. DEERING,
CHARLES W. COOK,

Selectmen of Melrose.

A true copy Attest,

A. B. PIERCE, Constable.

WARRANT FOR MEETING
NOVEMBER 6, 1894.

*To either of the Constables of the Town of Melrose, in the
County of Middlesex :* *GREETING.*

In the name of the Commonwealth of Massachusetts, you are hereby required to notify the inhabitants of Precinct Two, of the Town of Melrose, qualified to vote in elections to meet at the Town Hall, on Tuesday the 6th day of November, A. D. 1894, at six o'clock, a. m., then and there to give in their votes on one ballot :

For governor, lieutenant-governor, councillor for the sixth councillor district, secretary of the commonwealth, treasurer and receiver general, auditor, and attorney general and a representative from the seventh district of Massachusetts to

the fifty-fourth congress. Also for a senator from the sixth Middlesex senatorial district and for a representative to the general court from the eleventh Middlesex representative district. One county commissioner, a county treasurer and a register of deeds for Middlesex county. Also to give in their votes on the same ballot, "Yes" or "No,"—for or against—the following article of amendment to the constitution relative to commissioners of insolvency: "so much of article nineteen of the articles of amendment to the constitution of the Commonwealth as is contained in the following words, 'commissioners of insolvency' is hereby annulled."

The polls shall be opened at six o'clock a. m., and shall be closed at thirty minutes past four o'clock, p. m.,

And you are directed to serve this warrant by posting attested copies thereof at the Town Hall, each of the post offices and depots in the town, not less than seven days before the day appointed for said meeting, and by leaving printed copies of the warrant at the dwellings of the legal voters before the day of meeting.

Hereof fail not, and make due return of this warrant, with your doings thereon, to the town clerk, before the time of said meeting.

Given under our hands this twenty-fifth day of October, in the year one thousand eight hundred and ninety-four.

DANIEL NORTON,
SIDNEY H. BUTTRICK,
EUGENE H. MOORE,
JOHN P. DEERING,
CHARLES W. COOK,

Selectmen of Melrose.

A true copy Attest,

A. B. PIERCE, Constable.

WARRANT FOR MEETING

NOV. 6, 1894.

*To either of the Constables of the Town of Melrose in the
County of Middlesex.* *GREETING.*

In the name of the Commonwealth of Massachusetts, you are hereby required to notify the inhabitants of Precinct Three, of the town of Melrose, qualified to vote in elections, to meet in the school house, corner Grove and Myrtle streets on Tuesday, the sixth day of November, A. D. 1894, at six o'clock, a. m., then and there to give in their votes on one ballot :

For governor, lieutenant governor, councillor for the sixth councillor district, secretary of the commonwealth, treasurer and receiver general, auditor, and attorney general and a representative from the seventh district of Massachusetts to the fifty-fourth congress. Also for a senator from the sixth Middlesex senatorial district and for a representative to the general court from the eleventh Middlesex representative district. One county commissioner, a county treasurer and a register of deeds for Middlesex county.

Also to give in their votes on the same ballot, "Yes" or "No,"—for or against,—the following article of amendment to the constitution relative to commissioners of insolvency: "so much of article nineteen of the articles of amendment to the constitution of the commonwealth as is contained in the following words, 'commissioners of insolvency,' is hereby annulled."

The polls shall be opened at six o'clock a. m., and shall be closed at thirty minutes past four o'clock p. m.

And you are directed to serve this warrant by posting attested copies thereof at the Town Hall, each of the post offices and depots in the town, not less than seven days be-

fore the day appointed for said meeting, and by leaving printed copies of the warrant at the dwellings of the legal voters before the day of meeting.

Hereof fail not, and make due return of this warrant with your doings thereon, to the town clerk, before the time of said meeting.

Given under our hands this twenty-fifth day of October, in the year one thousand eight hundred and ninety-four.

DANIEL NORTON,
SIDNEY H. BUTTRICK,
EUGENE H. MOORE,
JOHN P. DEERING,
CHARLES W. COOK,

Selectmen of Melrose.

A true copy. Attest,

A. B. PIERCE, Constable.

RESULT OF THE BALLOTING AS FURNISHED TO THE TOWN CLERK FROM THE SEVERAL PRECINCTS.

FOR GOVERNOR.

Precincts.....	1	2	3	Total.
George H. Cary, of Lynn, People's Party,	18	6	12	36
Frederick T. Greenhalge, of Lowell, Republican,....	269	514	367	1150
Alfred W. Richardson, of Springfield, Prohibition,	19	19	10	48
John E. Russell, of Leicester, Democratic,.....	86	161	233	480
David Taylor, of Boston, Socialist Labor,	1		1	2
Blanks,.....	3	10	10	23
Total,.....	396	710	633	1739

FOR LIEUTENANT-GOVERNOR.

Wilbert O. Dwinell, of Danvers, People's Party,.....	13	8	13	34
Moritz E. Ruther, of Holyoke, Socialist Labor,.....	1	1		2
Samuel B. Shapleigh, of Boston, Prohibition,.....	35	44	42	121
Charles E. Stratton, of Boston, Democratic,	74	146	224	444
Roger Wolcott, of Boston, Republican,.....	264	495	340	1099
Blanks,.....	9	16	14	39
Total,.....	396	710	633	1739

FOR SECRETARY.

Charles A. DeCourcy, of Lawrence, Democratic,	68	133	258	459
Wilbert D. Farnum, Jr., of Somerville, Prohibition,.....	11	19	13	43
Joseph F. Malloney, of Lynn, Socialist Labor,.....	3	5	1	9
William M. Olin, of Boston, Republican,	289	516	324	1129
Isaac W. Skinner, of Brockton, People's Party,.....	14	7	11	32
Blanks,	11	30	26	67
Total,.....	396	710	633	1739

FOR TREASURER.

Emil Auerbach, of Adams, Socialist Labor,	1	2	2	5
John M. Fisher, of Attleboro, Prohibition,	8	20	12	40
James S. Grinnell, of Greenfield, Democratic,.....	76	144	216	436
Martin W. Moran, of Boston, People's Party,	14	4	15	33
Henry M. Phillips, of Springfield, Republican,	286	507	363	1156
Blanks,.....	11	33	25	69
Total,	396	710	633	1739

FOR AUDITOR.

Precincts.....	1	2	3	Total
John W. Kimball, of Fitchburg, Republican,.....	285	498	365	1148
Maurice W. Saunders, of Pittsfield, People's Party,.....	12	5	13	30
Wilbur M. Purrington, of Williamsburg, Prohibition,	9	19	8	36
Charles N. Wentworth, of Lynn, Socialist Labor,.....	2	1	1	4
Alfred C. Whitney, of Boston, Democratic,	74	145	217	436
Blanks,.....	14	42	29	85
Total,.....	396	710	633	1739

FOR ATTORNEY GENERAL.

Frank M. Forbush, of Natick, Prohibition;.....	9	23	13	45
Henry F. Hurlburt, of Lynn, Democratic,.....	74	146	219	439
Hosea M. Knowlton, of New Bedford, Republican,.....	289	503	367	1159
Frederick August Nagler, of W. Springfield, Socialist Labor,	2	1	4	7
James Sumner, of Milton, People's Party,.....	12	4	10	26
Scattering,.....	1			1
Blanks,.....	9	33	20	62
Total,.....	396	710	633	1739

FOR COUNCILLOR, (SIXTH DISTRICT).

Edwin F. Carr, of Lawrence, People's Party,.....	16	7	20	43
John M. Harlow, of Woburn, Republican,.....	286	498	366	1150
Frank J. Simonds, of Lowell, Democratic,	78	151	220	449
Blanks,.....	16	54	27	97
Total,.....	396	710	633	1739

FOR SENATOR, (SIXTH MIDDLESEX DISTRICT).

Norman F. Hesseltine, of Melrose, Democratic,.....	104	195	256	555
Arthur H. Wellman, of Malden, Republican,	276	476	354	1106
Blanks,	16	39	23	78
Total,	396	710	633	1739

FOR REPRESENTATIVE IN GENERAL COURT, (ELEVENTH MIDDLESEX DISTRICT).

George R. Jones, of Melrose, Republican,	292	527	372	1191
Arthur M. Willis, of Melrose, Democratic,	86	151	237	474
George E. Damon (scattering),		1		1
Blanks,	18	31	24	73
Total,	396	710	633	1739

FOR COUNTY COMMISSIONER, (MIDDLESEX).

Peter A. Fay, of Lowell, Democratic,.....	71	138	220	429
Samuel O. Upham, of Waltham, Republican,.....	298	511	372	1181
Blanks,.....	27	61	41	129
Total,.....	396	710	633	1739

RECORDS OF TOWN MEETINGS.

FOR COUNTY TREASURER, (MIDDLESEX).

	Precincts.....	1	2	3	Total.
Joseph O. Hayden, of Somerville, Republican,	295	507	380	1182	
Alfred D. Hoitt, of Arlington, Democratic,.....	73	146	212	431	
Blanks,.....	28	57	41	126	
Total,.....	396	710	633	1739	

FOR REGISTER OF DEEDS, (SOUTHERN MIDDLESEX DISTRICT).

John F. Slattery, of Malden, Democratic,.....	65	126	202	393
Charles B. Stevens, of Cambridge, Republican,.....	297	528	390	1215
Blanks,....	34	56	41	131
Total,.....	396	710	633	1739

FOR REPRESENTATIVE IN CONGRESS, (SEVENTH DISTRICT).

William E. Barrett, of Melrose, Republican,.....	271	502	365	1138
George M. Buttrick, of Everett, Prohibition,	16	28	19	63
Samuel K. Hamilton, of Wakefield, Democratic,.....	76	146	219	441
George R. Peare, of Lynn, Socialist Labor,.....	1		2	3
Walter S. Ramsdell, of Lynn, People's Party,	18	3	10	31
William Everett, of Quincy,.....		1		1
Blanks,.....	14	30	18	62
Total,	396	710	633	1739

AMENDMENT TO THE CONSTITUTION RELATIVE TO COMMISSIONERS OF
INSOLVENCY.

"Yes,"	149	223	203	575
"No,"	31	46	52	129
Blanks,	216	441	378	1035
Total,.....	396	710	633	1739

WARRANT FOR MEETING,

NOVEMBER 15, 1894.

*To either of the Constables of the Town of Melrose, in the
County of Middlesex :* *GREETING :*

In the name of the Commonwealth of Massachusetts, you are hereby required to notify the inhabitants of the town of Melrose, qualified to vote in elections and town affairs to meet at the Town Hall, on Thursday, the fifteenth day of November, A. D. 1894, at 7.30 o'clock, p. m., then and there to act on the following articles, viz :

Article 1. To choose a moderator.

Art. 2. To hear and act upon the report of the committee in reference to the draining of Cedar Park.

Art. 3. To appropriate the sum of twelve hundred dollars (\$1200) for the purpose of draining Cedar Park.

Art. 4. To see if the town will purchase, take or otherwise gain possession of the property lying between Main street and Crystal pond, opposite the end of Porter street, formerly owned by the heirs of J. D. Littlefield, and convert the same into a public park, and appropriate or otherwise raise the necessary amount of money to pay for the same. On petition of W. C. Stevens and 191 others.

Art. 5. To see if the town will accept the jury list as revised.

Art. 6. To see if the town will accept a street running from Main street to Green street, now called West Linden street, as laid out by the selectmen.

Art. 7. To hear and act upon the reports of committees, and for the transaction of any other business which may legally come before this meeting.

And you are directed to serve this warrant by posting attested copies thereof at the Town Hall, each of the post-

offices and depots in the town, not less than seven days before the day appointed for said meeting, and by leaving printed copies of the warrant at the dwellings of the legal voters before the day of meeting.

Hereof fail not, and make due return of this warrant, with your doings thereon, to the town clerk, at the time and place of said meeting.

Given under our hands this thirteenth day of October, in the year one thousand eight hundred and ninety-four.

DANIEL NORTON,
EUGENE H. MOORE,
CHARLES W. COOK,
JOHN P. DEERING,
SIDNEY H. BUTTRICK,

Selectmen of Melrose.

A true copy. Attest,

A. B. PIERCE, Constable.

Meeting November 15, 1894, at 7.30 p. m.

Article 1. Chose Levi S. Gould Moderator, by a unanimous vote.

Art. 2 and 3. Indefinitely postponed.

Art. 4. Laid upon the table.

Art. 5. Laid upon the table.

Art. 6. No action.

Art. 7. *Voted*, unanimously, Whereas, under the authority conferred by the General Court in chapter 288, acts of 1894,

a boulevard may be laid out by the board of Metropolitan Park Commissioners from the Middlesex Fells reservation to the city of Boston, be it voted by the town of Melrose that it is the desire of this town that said boulevard may be constructed in order to bring the Middlesex Fells reservation into direct communication with Boston, and to give the various municipalities on this side of the Mystic river, with a total population of 100,000, an adequate and decent means of communication with Boston, the present lack of which is gravely detrimental to their proper growth and development.

Voted, unanimously, That the treasurer be and hereby is authorized to pay all necessary expenses which may be incurred from January 1, 1895, in anticipation of the annual appropriations, said amounts to be charged to the several appropriations.

Voted, unanimously, That Royal P. Barry, Levi S. Gould, Edward L. Whittier, Francis W. Hunt, Stephen F. Keyes, John Larrabee, John A. Fish, Moses S. Page and Daniel Norton be a finance committee for the ensuing year.

Voted, unanimously, That the park commissioners, together with four others to be appointed by the chair, take into consideration matters in relation to the internal improvement of the town so far as parks are concerned, and report at some future meeting.

The four appointed by the chair are Col. F. S. Hesseltine, Hon. W. E. Barrett, Joshua T. Nowell and John W. Robson.

Adjourned to Friday evening, 23d November, 1894, 7.30 o'clock.

Adjourned Meeting, Friday, Nov. 23, 1894, 7.30 o'clock.

Article 6. *Voted*, To accept West Linden street as laid out by the selectmen.

Art. 7. *Voted*, To accept the jury list as revised by the selectmen.

Voted, To adjourn sine die.

REGISTRATION OF VOTERS.

Total number as per last report, Nov. 1, 1893,	.	2,129
Added election day, Nov. 7, 1893,	.	2
Registered previous to annual town meeting,		
February 15, 1894,	.	3
February 28, 1894,	.	30
		<u>33</u>
		2,164
Erased on account of deaths and removals,	.	7
Total, February 28, 1894,	.	2,157
Erased in September, 1894, on account of deaths and removals,	.	258
		<u>1,899</u>
Names registered and restored Oct. 4, 1894,	82	
" " " 11, "	25	
" " " 18, "	65	
" " " 27, "	133	
		<u>305</u>
		2,204
Names added election day, Nov. 6, 1894,	.	5
Total,	.	2,209
Divided according to precincts as follows :		
Precinct 1, (Highlands),	.	489
Precinct 2, (Centre),	.	891
Precinct 3, (Wyoming,	.	829
		<u>2,209</u>
Total,	.	2,209
Number of women voters,	.	59
Number of assessed polls,	.	3,126

AUDITOR'S REPORT.

To the Inhabitants of Melrose:

In compliance with the provisions of chapter 221 of the acts of the year 1889, I have the honor to report as follows:

I have examined the books of the treasurer, collector and water registrar, and find them correctly kept and proper vouchers for all the transactions they contain.

In compliance with the vote of the town I have compiled the annual Town Report and submit the same.

Respectfully,

EDWIN C. GOULD,

Auditor.

EXPENSES OF THE TOWN OF MELROSE

FOR THE

YEAR ENDING DECEMBER 31, 1894.

As compiled by the Auditor from the Original Vouchers.

CONTINGENT.

Balance, 1893,	\$3 53	
Appropriations,.	3,000 00	\$3003 53

RECEIPTS.

Austin, J. S., carriage license,	\$2 00	
Anderson, J. H. L., carriage license,	3 00	
Buttrick, S. H., auctioneer's license,	2 00	
Butler, A. B. & W. H., undertaker's license,	2 00	
Cheever, A. L., carriage license,	1 00	
Cash,	25	
Ellis, W. B., carriage license,	5 00	
Edwards, Joseph, rent north end Town Hall lot,	10 00	
Gallant, M. C., carriage.	1 00	
Isburgh, C. H., auctioneer's license,	2 00	
Libby, F. M., " "	2 00	
Lovejoy, S. A.. " "	2 00	
<i>Amounts carried forward,</i>	\$34 25	\$3,003 53

EXPENSES OF THE TOWN.

69

<i>Amounts brought forward,</i>		\$34 25	\$3,003 53
McCullough, J. J., carriage license,		2 00	
Pratt, F. A., " "		3 00	
Reiter, A. G., auctioneer's license,		2 00	
Rent of Barry house,		55 00	
Skelding, J. J., auctioneer's license,		2 00	
Swett, C. C., " "		2 00	
Wheaton, H. D., carriage license,		3 00	
			\$101 25
			\$3,104 78

EXPENDED.

American Express, expressage,		\$3 55	
Barry, Beale & Co., stationery,		13 00	
Bartlett, G. W., horse hire,		3 00	
Benson & Co., S. E., wood,		60	
Boston Gas Appliance Exchange, lamp,		7 00	
Brock Bros., stock and labor,		5 65	
Burlen, Robert, rebinding old record books,		19 00	
Buttrick, S. H., sundries,		13 27	
Carrie & Co., W. A., treasurer's check book,		15 00	
Cross, H. M. & L. W., stationery,		4 90	
Dill, Jesse A., lunches, March and Nov. elections for tellers, clerks, selectmen and police,		148 75	
Dimond & Co., H. C., numbering machine,		7 20	
Dunton & Potter, 2300 town reports,		619 20	
" " printing voting lists,		126 32	
" " " for collector of taxes,		56 50	
<i>Amounts carried forward,</i>		\$1,042 94	\$3,104 78

<i>Amounts brought forward,</i>	\$1,042 94	\$3,104 78
Dunton & Potter, sundry printing,	60 50	
“ “ advertising hearings,	28 25	
Eastman's Express, expressage,	8 25	
Edwards, Jos., stock and labor,	1 00	
Election officers' pay roll, March election,	80 00	
Election officers' pay roll Nov. election,		
Precinct 1,	50 00	
Precinct 2,	90 00	
Precinct 3,	80 00	
Ellison, C. W., P. M., stamps,	21 80	
Fairbanks & Co., J. L., stationery,	9 38	
Fuller, Geo. E. labor, extra staging, March election,	4 00	
Fuller, Geo. E., ringing bell, Feb. 22, April 19, June 18 and July 4,	8 00	
Gately, John H., returning deaths	11 50	
Goodno, W. A., stock and labor,	76 98	
Hasseltine, F. S., legal services in sundry suits against town,	288 00	
Joyce, Mary, washing floor assessors' room,	3 00	
King, G. F., & Merrill, account books and letter press,	35 85	
Lambert, J. A., ringing bell,	8 00	
Lane, Addison, postage and envelopes,	37 00	
Larkin, Ed., care of assessors' room,	4 50	
Larrabee, John, collecting, recording, and indexing births, marriages and deaths,	160 34	
Larrabee & Stearns, pencils,	30	
Lear, Samuel, cash paid extinguishing forest fires,	6 60	
<i>Amounts carried forward,</i>	\$2,116 19	\$3,104 78

<i>Amounts brought forward,</i>	. . . \$2,116 19	\$3,104 78
Little, Brown & Co., book,	. . . \$4 00	
Malden & Melrose Gas Light Co., gas for assessors' room,	. . . 7 84	
Manning & Son, J. moving safe from Boston to assessors' room,	. . . 10 00	
Marshall James, cash paid for extin- guishing forest fires,	. . . 5 75	
Massachusetts Commonwealth of, stan- dard ink,	. . . 6 50	
McCullough, J. J., table and repairs,	. . . 26 50	
McFarlin, W. J., lamp and bracket,	. . . 55	
Meek, H. M., blanks for assessors and registrars of voters,	. . . 12 10	
Melrose Journal, advertising warrants, meetings and hearings,	. . . 72 63	
Melrose Journal, ballots and warrants,	. . . 93 75	
Melrose Journal, sundry printing,	. . . 28 75	
Mitchell Henry, making drawings for town seal,	. . . 5 00	
Newhall, George, treasurer, postage, etc.,	. . . 3 00	
New England Telephone & Telegraph Co., rental of telephone,	. . . 113 65	
Orpin Bros., desk and chair,	. . . 70 00	
Perry, H. J., hardware assessors' room,	. . . 3 47	
Pierce & Son, A. B., returning deaths,	. . . 25 75	
Pierce, A. B., posting and distributing town warrants and reports,	. . . 155 00	
Amadon, A. F., M. D., returning births,	. . . 2 75	
Clark, J. S., M. D., returning births,	. . . 5 50	
Harlow, C. W., M. D., returning births,	. . . 2 00	
Jack, E. S., M. D., returning births,	. . . 9 00	
<i>Amounts carried forward,</i>	. . . \$3,104 78	\$3,104 78

<i>Amounts brought forward,</i>	\$2,779 68	\$3,104 78
Jones, L. C., M. D., returning births,	3 00	
Morse, F. H., M. D., returning births,	10 00	
Odlin, C. C., M. D., returning births,	15 00	
Selee, A. M., M. D., returning births,	4 75	
Pratt, Dexter, horse and wagon for assessors-1893-1894,	90 00	
Rand, R. M., posting bills,	12 00	
Rich, Reed & Atwood, box for jury list,	1 25	
Ripley, T. W., 1000 pamphlets for assessors,	385 87	
Ripley, T. W., books for assessors,	13 50	
Ripley, T. W., book for collector,	8 50	
Stantial, G. C., stationery, etc., for assessors,	8 00	
Stone & Forsyth, paper, election,	2 22	
Weeks, I. C., ringing bell,	8 00	
Woodward, D. R., labor and teaming booths for use election day, in pre- cincts 1 and 2,	12 50	3,354 27
Amount overdrawn,	\$249 49	

CONTINGENT SPECIAL.

DAMAGES, LAWSUITS, ETC.

Armington, Mrs. Sarah S., damages fall- ing on ice, Baxter st.,	\$40 00
Hitching, John, damages daughter fall- ing over water shut-off,	100 00
Morse, Emily M., judgment for dam- ages falling on sidewalk on Tre- mont st.,	899 81
Nowell, Albert, damages defective side- walk,	50 00
Newhall, Geo., cash paid witness fees,	22 56
	\$1,112 37

FIRE ALARM.

Balance, 1892,	\$ 95	
Appropriation,	200 00	
Transferred from fire department,	1 69	
		\$202 64

EXPENDED.

Kendall & Co., M. K., electrical supplies,	22 64	
Municipal Fire & Police Tel. Co., one plain visual indicator,	180 00	
		\$202 64

FIRE DEPARTMENT.

Balance,	\$33 84	
Appropriation,	8,335 00	
Cash received for manure,	11 00	
Cash received from J. W. Farwell for old hook and ladder truck,	75 00	
		\$8,454 84
Less amount transferred to fire alarm,	1 69	
		\$8,453 15

EXPENDED.

Lynde, A. W., chief engineer,	37 50	
Lear, Samuel, engineer and clerk,	45 00	
Parker, A. W., engineer,	37 50	
		\$120 00

Amount carried forward, \$8,453 15

Amount brought forward, . . . \$8,453 15

Melrose Steamer.

Services of Men.

Armstrong, Wm., driver steamer . . .	\$383 40
Bartlett, Stephen, " " . . .	383 40
Stockwell, Dean, driver hose wagon, . .	717 08
Holbrook, J. M., captain, . . .	35 00
Emerson, J. W., lieutenant, . . .	35 00
Smith, A. B., . . .	35 00
Hawkes, T. J., . . .	35 00
Stantial, T. B., . . .	35 00
Upham, A. L., . . .	35 00
Burnham, G. E., . . .	35 00
Woodward, C. F., . . .	35 00
Edwards, C. W., asst. engineer, . . .	95 00
Sargent, W. C., clerk, . . .	35 00
Woodward, D. H., . . .	35 00
Shute, C. N., . . .	35 00
Edwards, J. H., engineer, . . .	200 00
	\$2,163 88

Abbott, Downing & Co., hose wagon, . .	435 00
Benson & Co., S. E., coal, . . .	37 50
Boston Coupling Co., supplies, . . .	10 40
Boston Belting Co., suction hose, . .	49 50
Deering & Co., J. P., lumber, . . .	25 50
Edwards, Jos., stock and labor, pung . .	44 95
Goss, C. B. & F. H., coal, . . .	23 50
Goss, C. B. & F. H., hay and oats, . .	445 13
Holbrook & Norton, sundries, . . .	20 80
Larrabee & Stearns, sundries, . . .	1 05

Amounts carried forward, . . . \$3,257 21 \$8,453 15

<i>Amounts brought forward,</i>	\$3,257 21	\$8,453 15
Lynn & Boston R. R., harness,	12 00	
Maclachlan, A. L., sundries and repair- ing harness,	17 50	
Malden & Melrose Gas Co., 18,100 ft. gas,	79 48	
McCoubry, T., horse shoeing, etc.,	50 13	
Parker, A. W., washing and ironing,	51 75	
Perry, H. J., hardware,	70	
Scrannage Bros., repairing air chamber,	30 00	
Simpson, W. M., D. V. S., services,	5 00	
Stevens, O. C., harness,	70 75	
Tyzzar, F. H., lettering and painting,	30 00	
	\$3,604 52	

Hook and Ladder No. 1,

Services of Men,

Edwards, J.,	\$35 00
Parker, D. O.,	35 00
Wiswell, D. W.,	35 00
Tyzzar, J.,	35 00
Gordon, C. S.,	35 00
Stewart, W. H.,	35 00
Johnson, T. B.,	35 00
Lynde, W. A.,	35 00
Tyzzar, F. H.,	35 00
Johnson, W. E.,	35 00
Richardson, J. E.,	8 75
Robertson, H.,	35 00
Whidden, R. H.,	35 00
Gibson, D. E.,	35 00

Amounts carried forward, \$463 75 \$8,455 15

<i>Amounts brought forward,</i>	.	.	\$463 75	\$8,453 15
Kelley, T.,	.	.	29 16	
McDonald, A.,	.	.	26 25	
Lynde, W. A., steward,	.	.	55 00	
			\$574 16	
Breck & Sons, Joseph, one No. 3 jack,			4 05	
Bugbee & Barrett, sundries,	.	.	1 00	
Deering & Co., J. P., lumber,	.	.	10 07	
Eastman's Ex., hauling truck,	.	.	305 90	
Page, Jr., C. H., cleaning and oiling harness,	.	.	2 00	
			\$897 18	

N. D. Blake Hose No. 2.

Services of Men.

Gibbons, J. R.,	.	.	.	.	\$35 00
Gibbons, R., Jr.,	.	.	.	.	35 00
Stantial, E. B.,	.	.	.	.	35 00
Simpson, H. W.,	.	.	.	.	35 00
Armington, A. H.,	.	.	.	.	20 42
Phipps, W. F.,	.	.	.	.	35 00
Buchanan, P.,	.	.	.	.	35 00
Cotting, W. M.,	.	.	.	.	35 00
Thompson, C. B.,	.	.	.	.	35 00
Hamlin, J. M.,	.	.	.	.	35 00
Doherty, C. F.,	.	.	.	.	14 58
Simpson, H. W., steward,	.	.	.	.	20 00
Gibbons, R., Jr.,	"	.	.	.	20 00

Amounts carried forward, . . \$390 00 \$8,453 15

<i>Amounts brought forward,</i>			\$390 00	\$8,453 15
Brock Bros., oil, globes and repairing,			2 30	
Goss, C. B. & F. H., coal,			15 00	
Keating, W. E., hauling carriage,			70 00	
Malden & Melrose Gas Co., 16,200 ft.				
gas,			26 76	
Wyoming Lodge, trustees, rent,			250 00	
			\$754 06	

Highland Hose No. 3.

Services of Men.

Storey, F.,					\$26 25
Porter, T.,					35 00
Day, A. E.,					35 00
Newhall, L. D.,					35 00
Storey, A.,					35 00
Adams, H. E.,					35 00
Fuller, C. H.,					17 50
Morton, F.,					35 00
Black, J. C.,					35 00
Hebblethwaite, J. W.,					35 00
Walton, A. J.,					17 50
Storey, F., steward,					30 00
Black, J. C.,]	"				6 67
Newhall, L. D.,	"				3 33

\$381 25

Black, John, stock and labor, painting,			5 00	
Brock Bros., stock and labor,			6 75	
Cheever, A. L., hauling carriage,			6 00	
Benson & Co., S. E., coal,			26 75	
Lear, Sam'l, stock and labor,			21 90	

Amounts carried forward, . . . \$447 65 \$8,453 15

<i>Amounts brought forward,</i>	.	.	\$447 65	\$8,453 15
McCullough, J. J., chairs,	.	.	3 00	
Palmer, Geo. R., hauling carriage,	.	.	28 00	
Parker, A. W., stock and labor,	.	.	22 50	
Singer, Jr., John, sundries,	.	.	23 81	
Stewart, Wm. H., stock and labor,	.	.	2 50	
Twombly, A. J., hauling carriage,	.	.	24 00	
			\$551 46	

Wm. E. Barrett Hose No. 4.

Services of Men.

Burnett, A. J.,	.	.	.	.	.	\$26 25
McKinnon, E.,	.	.	.	.	.	26 25
Caldwell, E. M.,	.	.	.	.	.	8 75
Critchett, C. J.,	.	.	.	.	.	26 25
Carney, W. H.,	.	.	.	.	.	26 25
Carlin, D.,	.	.	.	.	.	26 25
Johnson, F. B.,	.	.	.	.	.	26 25
Russell, E.,	.	.	.	.	.	23 33
Russell, Geo.,	.	.	.	.	.	23 33
Churchill, F.,	.	.	.	.	.	23 33
Critchett, C. J., steward,	.	.	.	.	.	40 00

\$276 24

Benson & Co., S. E., coal,	.	.	.	.	\$11 50
Burnett & Co., A. J., stock and labor,	.	.	.	.	60
Carlin, Dennis, hauling carriage,	.	.	.	.	34 00
Deering & Co., J. P., lumber,	.	.	.	.	63 88
Emery & Co., W., doors,	.	.	.	.	6 00
Lear, Sam'l, labor,	.	.	.	.	65 00
McCullough, J. J., window shades,	.	.	.	.	4 55

Amounts carried forward, . . . \$461 77 \$8,453 15

<i>Amounts brought forward,</i>	.	.	\$461 77	\$8,453 15
McMullin, J. W., plastering,	.	.	50 50	
Perry, H. J., hardware,	.	.	8 68	
Stone, W. P., sundries,	.	.	3 83	
			\$524 78	

FIRE ALARM MAINTENANCE.

Anderson, J. H. L., horse hire,	.	.	\$8 00	
Bartlett, G. W., horse hire,	.	.	1 00	
Bly, C. L., sundries,	.	.	4 05	
Burnham, G. E., salary,	.	.	91 66	
Burnham, G. E., labor and expense,	.		132 66	
Chase, O. R., horse hire,	.	.	3 00	
Deering & Co., J. P., lumber,	.	.	1 96	
King & Co., E. & F., vitrol,	.	.	40 59	
Municipal Fire & Police Tel. Co., sun-				
dries,	.	.	5 50	
Perry, H. J., hardware,	.	.	15 94	
Pettengill, Andrews & Co., jars, wire, etc.,			62 71	
Prescott & Son, J. B., zincs,	.	.	75 60	
Stevens, Geo. M., keys,	.	.	4 50	
Tuttle Electric Co., insulators,	.	.	50	
			\$447 67	

MISCELLANEOUS BILLS.

Anderson, J. H. L., horse hire,	.	.	\$6 00	
Boston Coupling Co., two fire extin-				
guishers and charges,	.	.	92 30	
<i>Amounts carried forward,</i>	.	.	\$98 30	\$8,453 15

<i>Amounts brought forward,</i>		\$98 30	\$8,453 15
Boston Coupling Co., sundries and re- pairing,	12 32		
Brock Bros., stock and labor,	19 44		
Dew, G. W., teaming,	2 00		
Dunton & Potter, printing,	24 00		
Eastman's Express, expressage,	16 40		
Edwards, J., stock and labor,	45 00		
Electric Gas Lighting Co., burners,	6 00		
Frost & Hawes, box mustard,	10		
Holbrook & Norton, sundries,	9 32		
Maclachlan, A. L., sundries,	3 65		
McCullough, J. J., bureau,	3 00		
Municipal Fire & Police Tel. Co., indi- cator, gongs, keys,	154 75		
Norton, D., canvas,	1 80		
Parker, A. W., stock and labor,	9 70		
Perry, H. J., hardware,	7 15		
Revere Rubber Co., hose,	1,000 00		
Stevens, Geo. M., gong,	25 00		
Weld, F. D., extension ladder,	112 50		
		<u>\$1,550 43</u>	

RECAPITULATION.

Engineers,	\$120 00		
Melrose steamer,	3,604 52		
Hook and ladder, No. 1,	897 18		
N. D. Blake hose, No. 2,	754 06		
Highland hose, No. 3,	551 46		
Wm. E. Barrett hose, No. 4,	524 78		
Fire alarm maintenance,	447 67		
Miscellaneous bills,	1,550 43		
		<u>8,450 10</u>	
Balance,			\$3 05

HEALTH DEPARTMENT.

Balance,	\$25 33	
Appropriations,	1,500 00	
		\$1,525 33

EXPENDED.

Brock Bros., furnace,	\$3 50	
Cross, H. M. & L. W., brimstone,	2 65	
Drown, Osborne E., fumigating,	8 76	
Dunton & Potter, printing and advertising proposals,	18 63	
Elms, J. O., collecting swill,	624 96	
Grundy, E. L., inspector of plumbing,	57 19	
Higgins, T. R., collecting swill,	550 00	
Hollis, Thos., brimstone,	2 00	
Larrabee & Stearns, brimstone,	25	
Massachusetts Association of Boards of Health, dues,	9 00	
Middlesex county clerk of courts, recording and certifying by-laws of plumbing,	6 00	
McLaughlin, F. M., services agent, 1893-'94,	50 00	
McLaughlin, Ralph, posting notices,	1 25	
Melrose Journal, printing and advertising proposals,	5 50	
Philpot, R., cleaning cesspool and gravel,	7 50	
Sanborn, J. E., expenses, postage, car fare, etc.,	4 68	
Sanborn, J. E., services as chairman board of examiners of plumbing,	50 00	
Warren, E. L., fumigating, car fare, etc.,	72 75	
York, Josiah, burying dog,	2 00	
		1,476 62
		\$49 71

HIGHWAY DEPARTMENT.

Balance,	.	.	.	.	.	\$269 98
Appropriation,	.	.	.	.	.	12,000 00
						\$12,269 98

RECEIPTS.

Ellis, F. E., use of roller and steam drill,	\$45 00	
Lynn & Boston Street R. R., removing snow,	124 75	
Lynn & Boston Street R. R., watering streets,	150 00	
Water Dept., use of steam roller,	17 50	
Sale of Barry house,	175 00	512 25
		\$12,782 23

EXPENDED.

Allen, G. F., snow plowing.	\$116 85	
American Express, expressage,	3 25	
Ames Plow Co., plows and shovels,	75 60	
Bartlett & Everett, 212 loads gravel,	21 20	
Benson & Co., S. E., coal and wood,	309 42	
Bicknell, A. P., 34 loads gravel,	3 40	
Blood, Mark, bolts and melting pot,	2 85	
Boardman, Geo. F., 604 loads gravel,	60 40	
Boston & Maine R. R., freight,	217 70	
Brock Bros., hose, pipe, etc.,	15 74	
Bugbee & Barrett, sundries,	30 41	
Chesterton & Co., A. W., engineers' sup- plies, packing, waste, etc.,	32 47	
Crafts, Mrs. Sarah G., 227 loads gravel,	22 70	
<i>Amounts carried forward,</i>	\$911 99	\$12,782 23

<i>Amounts brought forward,</i>		\$911 99	\$12,782 23
Davis, C. S., snow plowing,	44 43		
Deering & Co., J. P., lumber and posts,	190 85		
Eastman's Express, expressage, . . .	11 30		
Edwards, Joseph, stock and labor, . .	117 49		
Ellis, F. E., use of boiler,	11 00		
Ellis, F. E., one stone step,	6 00		
Ellis, Walter B., salary as supt., 11 mos.	916 67		
Frost & Hawes, oil,	70		
Gallison, Wm. H., waste,	1 10		
Gibbons, Frank, 45 loads gravel, . . .	4 50		
Gibbons, Joseph, Jr., 170 loads gravel,	8 50		
Gibbons, J. R., snow plowing, . . .	45 50		
Gould, Levi S., brush hook,	1 50		
Harvey, H. H., hammers,	1 61		
Hill, Aaron, 2009 loads gravel, . . .	200 90		
Hendon, Israel, 249 loads gravel, . .	12 45		
Hoffman, C. L., snow plowing, . . .	55 07		
Hoffman, C. L., 125 loads sand, . . .	18 75		
Hoffman, C. L., concreting,	166 45		
Kidder, Samuel, oil,	3 75		
Kilburn, Lincoln & Co., gear castings, .	28 49		
McCoubry, Thos., stock and labor, . .	150 91		
Newhall, T. R., covers, edgestones, circles,	50 90		
Parker, Albon W., stock and labor, . .	9 63		
Perrin, Seamans & Co., shovels, barrows, tools and drain pipe, . . .	342 97		
Perry, H. J., hardware,	4 08		
Philpot, Robert, 150 loads gravel, . .	15 00		
Philpot, Robert, concreting,	122 17		
Philpot, Robert, two bbls. tar, . . .	7 00		
<i>Amounts carried forward,</i>		\$3,461 66	\$12,782 23

<i>Amounts brought forward,</i>	.	\$3,461 66	\$12,782 23
Philpot, Robert, watering streets,	.	150 00	
Ricker, J. E., time books,	.	1 50	
Sampson, Geo. H., forcite, etc.,	.	77 10	
Swett & Scribner, hardware, shovels, etc.	.	23 47	
Swett & Scribner, catch basin covers,	.	60 00	
Swett & Scribner, drain pipe,	.	2 40	
Scribner, S. M., hardware, etc.,	.	10 10	
Scribner, S. M., catch basin covers,	.	60 00	
“ “ drain pipe,	.	36 93	
Stiles, C. A., 414 loads gravel,	.	20 70	
Stevens, Walter C., surveying,	.	14 00	
“ “ 31 loads gravel,	.	3 10	
Water Dept., repairing pipe,	.	2 90	
Waldo Bros., drain pipe,	.	75 68	
Wellington, A. J., spider head and concaves for crusher, and oil,	.	139 22	
Woodward, D. R., stock and labor,	.	57 56	
Labor, men and teams, as per pay rolls,		8,575 27	
			\$12,771 59
Balance,	.		\$10 64

INSURANCE.

Appropriation,	.	\$700 00
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EXPENDED.

Burrell & Swett,	.	\$122 50
Buttrick, Sidney H.,	.	187 50
Carlton, W. H., stone crusher plant,	.	45 00
Hanaford & Co., J. L.,	.	270 55
Leighton, Royal B.,	.	291 25
M'Coy, Geo. M.,	.	232 50
Small, Edwin S.,	.	142 50
Westgate & Johnson,	.	150 00
		\$1,441 80
Expenditures exceed appropriation,		\$741 80.

INTEREST.

Appropriation,	\$6,000 00
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RECEIPTS.

From Collector of Taxes, Interest Collected.

Taxes of 1890,	\$ 72	
“ 1891,	2 04	
“ 1892,	173 24	
“ 1893,	2,111 81	
“ 1894,	139 29	
Interest on deposits, year ending Dec.		
31, 1894,	432 60	\$2,859 70
		\$8,859 70

EXPENDED.

Interest, coupons Town Hall bonds,		
\$45,000 @ 4 per cent.,	\$1,800 00	
Mrs. L. C. Haskell, note,	200 00	
Worcester Savings Bank,	400 00	
Provident Institution for Savings, note,	840 00	
Melrose Savings Bank, notes,	2,627 37	
Commonwealth of Massachusetts, note,	1,120 00	
J. S. Austin, note,	100 00	
Elizabeth T. Baker, note,	90 00	
C. C. Odlin, note,	21 00	
Admr. estate Sam'l A Toothaker, note,	40 17	
J. E. Sanborn, note,	15 00	
Sarah F. Barron, note,	6 00	
Alice S. Robert, note,	12 20	
W. F. Conant, note,	160 00	
L. S. Gould, note,	420 00	
C. H. Barnard & Co., notes,	243 75	
Water Loan Sinking Fund Com., notes,	288 86	
Cemetery trust funds,	117 78	\$8,502 13
Balance,		\$357 57

MAIN STREET.

Amount expended in 1893, . . . \$1,419 29

EXPENDED.

Benson & Co., S. E., cement and sand,	\$15 00	
Breen, Fred A., mason work, . . .	15 75	
Brock Bros., drain pipe, . . .	50	
Burnett & Co., A. J., stock and labor, .	8 25	
Deering & Co., J. P., lumber, . . .	54 74	
Dempsey, Wm., stone, . . .	20 00	
Ellis, W. B., one month's salary, . . .	83 33	
Hoffman, C. L., 2,234.88 yds. concrete,	1,196 60	
" " 653.4 yds. top dressing,	163 36	
" " 56. " repairing,	28 00	
" " 9 loads sand, . . .	1 80	
Lynde, A. W., laying stone, . . .	75 00	
Town of Melrose, sidewalk dept., . .	8 71	
Newhall, T. R., stone covers, . . .	257 50	
Parker, A. W., stock and labor, . . .	5 45	
Philpot, Robert, 569.6 yards concrete, .	434 80	
Scott, John, labor laying brick, . . .	79 65	
Sewer Commissioners, services of en-		
gineer,	125 00	
Smith Bros., sharpening tools, . . .	3 50	
Stevens, W. C., surveying, . . .	28 00	
Stocker, F., 2,200 bricks, . . .	26 40	
Woodward, D. R., stock and labor, . .	165 01	
Labor, men and teams, as per pay rolls,	3,274 42	\$6,070 77
		\$7,490 06
Appropriation,		1,500 00
		\$5,990 06
Treasurer authorized to borrow . . .	\$6,000 00	

MAIN STREET WIDENING.

Amounts paid in 1892,	\$2,569 00
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Amounts paid in 1893,	3,896 00
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Amounts paid in 1894.

Atwood, Mrs. A. E.,	\$4 00
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Atwood, S. Clark,	4 00
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Boardman, Geo. F.,	600 00
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Bugbee, S. S.,	202 12
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Bugbee, S. S., et. al.,	594 64
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Curtis, Eliza H.,	300 35
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Edwards, Joseph,	1,242 67
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Ehlert, Herman F.,	73 00
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Farnsworth, Geo. W.,	57 47
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Faxon, Mary,	50 00
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Fiske, Wilbur D.,	190 00
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Geist, Justus	133 56
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Green, Fannie, estate of	107 00
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Harmon, Geo. K.,	123 87
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Hill, Aaron,	745 99
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Jack, Ernest S.,	600 00
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Maker, John C.,	505 00
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Maxwell, Emeline S.,	279 59
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Methodist Society,	19 00
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McCoubry, Thos.,	631 12
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McIntyre, James M.,	400 00
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Spear, Carrie L.,	408 50
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Wait & Cutter, architects, plans of high-ways,	35 00
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Newhall, Geo., cash paid witness fees:	
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Geist case,	\$18 00
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Hill,	25 00
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Bugbee et al. . . .	30 72
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Maxwell,	40 00
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Amory et al.,	70 36
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184 08	\$7,490 96
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\$13,955 96

Treasurer authorized to borrow, . .	\$12,000 00
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MEMORIAL DAY.

Appropriation, \$200 00

EXPENDED.

U. S. Grant Post 4, Department of
Massachusetts, G. A. R., . . . \$200 00

MILITARY AID.

Balance, 1893,	\$185 50
Appropriation,	200 00
	\$385 50

EXPENDED.

Boyd, William,	\$180 00
Burbank, Alonzo,	10 00
Campbell, George,	96 00
Stevens, Horace W.,	120 00
York, Josiah R.,	16 00
	422 00
Less one-half to be refunded by state,	211 00 . \$211 00
Balance,	\$174 50

NUMBERING BUILDINGS.

Balance, 1893,	\$7 88
Appropriation,	50 00
	57 88

EXPENDED.

Drown, Osborne E., numbering build- ings,	36 60
Wilkinson & Co., A. J., door numbers,	20 40
Balance,	88

PUBLIC PARKS.

Balance, 1893,		\$189 88	
Appropriation,		100 00	
			\$289 88

EXPENDED.

Carlin, Dennis, cutting bushes,		\$5 00	
Folsom, Wm. N., 460 loads gravel,		149 50	
Fuller, G. E., care of vase, Town Hall,		5 00	
Geist, Justus, filling vase, Town Hall,		20 00	
Howard, Otis, labor,		21 00	
MacDonald, Angus, stock and labor,		23 55	
Melrose Journal, advertising hearing,		1 50	
			225 55
Balance,			\$64 33

PERKINS STREET EXTENSION.

Balance, 1893,		\$406 24
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EXPENDED.

Woodward, D. R., stock and labor,		\$14 50	
Labor, men and teams as per pay rolls,		391 74	
			\$406 24

POLICE DEPARTMENT.

Balance, 1893,		\$25 35	
Appropriation,		7,800 00	
Cash received, court fees,		424 03	
“ house correction fees,		55 00	
<i>Amount carried forward,</i>			\$8,304 38

Amounts brought forward, . . . \$8,304 38

EXPENDED.

Paid officers, services rendered.

McLaughlin, F. M., chief, . . .	\$915 00
Brown, Harry, . . .	897 50
Brigham, Arthur L., . . .	305 25
Caswell, Wm. A., . . .	897 50
Carter, Frank E., . . .	176 50
Davis, John W., . . .	53 00
Davidson, James, . . .	4 00
Drown, Osborne E., . . .	916 25
Fogg, Chas. F. W., . . .	865 00
Fuller, Geo. E., . . .	521 43
Lane, William, . . .	6 50
Lynde, A. Wilbur, . . .	12 50
McCarthy, Wm. C., . . .	49 50
Pineo, Allston H., . . .	110 50
Rand, Redford M., . . .	915 50
Smith, Charles H., . . .	6 50
Smith, Jerome T., . . .	897 50
	\$7,549 93

Miscellaneous.

Anderson, J. H. L., carriage hire, .	\$1 00
Austin, H. O., wagon boot, . . .	2 25
Baker, F. P., Moulding Co., frame, .	1 25
Bartlett, G. W., carriage hire, . .	28 50
Blanchard, C. C., proportional part of town for horses and harness for conveying prisoners to house of correction, . . .	94 00

Amounts carried forward, . \$7,676 93 \$8,304 38

<i>Amounts brought forward,</i>	. . . \$7,676 93	\$8,304 38
Boardman & Co., W. W., carriage hire,	40 50	
Bowser, W. J., horse shoeing,	. . 9 00	
Brock Bros., stock and labor,	. . 7 20	
Casey, Jerry, whitewashing cells,	. . 7 00	
Chase, O. R., boarding horse,	. . 104 76	
Cheever, A. L., carriage hire,	. . 1 00	
Cross, H. M. & L. W., medicine,	. . 45	
Davis, John W., one horse,	. . 65 00	
Dunton & Potter, blanks,	. . 3 00	
Eastman's Express, expressage,	. . 1 95	
Edwards, Jos., pung,	. . 115 00	
Frost & Hawes, crackers and coffee,	. . 7 94	
Fuller, Geo. E., keeper of lock up,	. . 24 99	
Fuller, Geo. E., meals for prisoners,	. . 21 75	
Goodno, W. A., stock and labor,	. . 3 50	
Hinckley, L. F., crackers,	. . 3 29	
Keating, W. E., carriage hire,	. . 1 00	
King, G. F., & Merrill, account book,	. . 4 75	
Larrabee & Stearns, sponge,	. . 50	
Little, Brown & Co., book,	. . 4 00	
Lovell John P., Arms Co., clubs,	. . 4 50	
MacLachlan, A. L., saddle pad,	. . 50	
McLaughlin, F. M., expenses conveying prisoners,	. . 46 35	
Middlesex Ice Co., ice,	. . 4 00	
New England Telephone Co., telephone,	18 93	
Perry, H. J., hardware,	. . 2 15	
Rich, Reed & Atwood, blanket and robes,	. . 12 90	
Sammet & Son, G. W., mattresses,	. . 12 30	
Walker & Co., F. A., pails,	. . 3 30	
Wheaton, H. D., carriage hire,	. . 1 50	8,209 94
Balance,		\$94 44

SUPPORT OF POOR.

Balance, 1893,	.	.	.	.	.	\$335	37	
Appropriation,	.	.	.	.	.	7,000	00	\$7,335 37

RECEIPTS.

Boston, city of,	.	.	.	.	.	\$184	72	
Malden, "	.	.	.	.	.	44	95	
Middleboro, town of,	.	.	.	.	.	91	00	
Wenham, "	.	.	.	.	.	312	39	
Estate of Mrs. Crocker,	.	.	.	.	.	169	46	
" Peter Edgerly,	.	.	.	.	.	211	92	
Singer, J. Jr., guardian of Mary Thayer,						996	25	
Stoneham, town of, aid to McGah,								
Wm.,	.	.	.	.	.	27	25	
Fields, H. G., aid to Marony,	.	.	.	.	.	9	00	2,046 94
								\$9,382 31

EXPENDED.

Board and Clothing.

Barron, E. J., 12 months,	.	.	.	.	.	\$156	00	
Bridgham, E. C., boots and shoes,	.	.	.	.	.	62	10	
Dadman, Mrs. Marshall, 1 year,	.	.	.	.	.	169	46	
Farrar, S. D., clothing,	.	.	.	.	.	28	98	
Haskins, Mrs. L. B., one year,	.	.	.	.	.	169	46	
Hawkins, Mrs. Annie, one year,	.	.	.	.	.	156	00	
Hitchins, Emma R., one year,	.	.	.	.	.	114	89	
Houghton, F. G., clothing,	.	.	.	.	.	7	00	
Loring, Jessie M.,	.	.	.	.	.	8	00	
Massachusetts Hospital for Dipsomani-								
acs and Inebriates, board,	.	.	.	.	.	107	25	
Amounts carried forward,	.	.	.	.	.	\$979	14	\$9,382 31

<i>Amounts brought forward,</i>	.	.	\$979 14	\$9,382 31
Newhall, Geo., boots and shoes,	.	.	148 60	
Waitt, G. M., eight months,	.	.	80 00	
Westgate & Son, G. L., dry goods,	.	.	2 58	
			\$1,210 32	

Fuel.

Benson & Co., S. E., coal and wood,	.	.	\$150 88	
Goss, C. B. & F. H.,	"	"	335 40	
Knollin, Wm.,	"	"	6 80	
Proudfoot & Co., D.,	"	"	6 88	
Tredick, C. Morris,	"	"	10 30	
			\$510 26	

Groceries, Provisions, &c.

Bugbee & Barrett,	.	.	.	.	\$191 55	
Crane & Stoddard,	.	.	.	.	10 00	
Dean & Sons, A. F.,	.	.	.	.	112 00	
Dill, Jesse A.,	.	.	.	.	25 34	
Eldridge, S. O.,	.	.	.	.	120 00	
Forbes, Geo. E.,	.	.	.	.	16 19	
Frost & Hawes,	.	.	.	.	60 56	
Hancock, C. F.,	.	.	.	.	6 00	
Hinckley, L. F.,	.	.	.	.	656 44	
Hocking, Alfred,	.	.	.	.	230 01	
Holbrook & Norton,	.	.	.	.	276 90	
Hovey & Co., H. N.,	.	.	.	.	99 00	
Israel, F. S.,	.	.	.	.	9 10	
Lucy Bros.,	.	.	.	.	26 00	
Newell, S. H.,	.	.	.	.	34 01	
Sanborn, F. E.,	.	.	.	.	15 00	
Wells, W. H.,	.	.	.	.	14 50	
White, G. R.,	.	.	.	.	11 60	
Worthen, C. C.,	.	.	.	.	47 04	

Amounts carried forward, . . \$1,961 24 \$9,382 31

Amounts brought forward, . . . \$1,061 24 \$9,382 31

Medical Attendance, Medicine, &c.

Clark, J. S., M. D.,	\$37 00
Cross, H. M. & L. W., medicines,	75 95
Dike, John, M. D.,	30 00
Harlow, C. W., M. D.,	7 00
Jack, E. S., M. D.,	33 50
Jones, L. C., M. D.,	87 00
Larrabee & Stearns, medicine,	57 31
Melrose hospital, care and board,	54 00
Sanborn, J. E., M. D., vaccinating,	3 00
Selee, Annie M., M. D.,	6 00
	\$390 76

Outside Relief.

Brockton, city of	\$192 31
Cambridge, "	18 72
Lowell, "	206 18
Lynn, "	141 75
Malden, "	589 50
Medford, "	14 60
	\$1,163 06

Rents.

Cobb, J. W.,	\$48 00
Deering & Co., J. P.,	143 00
Farnsworth, G. W.,	20 00
Fernald, B. M.,	39 00
Gordon, A. L.,	40 00
Hubbard, C. A. L.,	74 00
Ingalls, H. S.,	80 00

Amounts carried forward, . . . \$444 00 \$9,382 31

<i>Amounts brought forward,</i>	.	.	\$440 00	\$9,382 31
Knights, Mrs. Mary,	.	.	25 00	
Leonard, H. A.,	.	.	264 83	
Locke, Simeon,	.	.	35 00	
Lucy, Dennis,	.	.	18 00	
Madden, Patrick,	.	.	37 40	
Mahan, Thomas,	.	.	55 00	
McKinnon, Mrs. H. P.,	.	.	26 00	
Middlesex Fells Spring Co.,	.	.	35 00	
Murphy, Patrick,	.	.	104 00	
Philpot, Robert,	.	.	10 80	
Pierce & Co., C. F.,	.	.	291 00	
Upham, F. R.,	.	.	104 00	
Whittier, E. L.,	.	.	108 00	
			\$1,558 03	

Support of Insane.

Commonwealth of Massachusetts,	.	\$40 86	
Danvers Lunatic Hospital,	.	1,862 46	
Worcester Lunatic Hospital,	.	169 46	
		\$2,072 78	

Miscellaneous.

Anderson, J. H. L., carriage hire,	.	\$2 00	
Babb & Stephens, printing blanks,	.	9 25	
Boston & Maine R. R., tickets,	.	1 52	
Brigham, A. L., watching with insane,		3 75	
Chase, O. R., carriage hire,	.	15 00	
Connor, Josephine, care of Mrs. Coy,	.	24 00	
Crosby, Patrick, watching with insane,		15 00	
Fields, H. G., railroad tickets.	.	2 20	

Amounts carried forward, . . \$72 72 \$9,382 31

<i>Amounts brought forward,</i>	.	.	\$72 72	\$9,382 31
Libby & Son, A. C., account book,	.	.	3 75	
Little, Brown & Co., book.	.	.	4 00	
Lynde, A. V., legal services,	.	.	39 00	
McLaughlin, F. M., R. R. tickets,	.	.	1 25	
Mansfield, Patrick, watching with insane,	.	.	11 00	
Pierce & Son, A. B., undertaker's service,	.	.	70 00	
Walden, Margaret, nursing,	.	.	20 00	
			\$221 72	

Recapitulation.

Board and clothing,	.	.	.	\$1,210 32	
Fuel,	.	.	.	510 26	
Groceries, provisions, etc.,	.	.	.	1,961 24	
Medical attendance, medicine, etc.,	.	.	.	390 76	
Outside relief,	.	.	.	1,163 06	
Rents,	.	.	.	1,558 03	
Support of insane,	.	.	.	2,072 78	
Miscellaneous,	.	.	.	221 72	\$9,088 17
Balance,	.	.	.		\$294 14

PUBLIC LIBRARY.

Received from county treasurer, dog					
tax for 1893,	.	.	.	\$1,076 49	
Appropriation,	.	.	.	1,000 00	\$2,076 49

EXPENDED.

Allstine, A. K., binding books,	.	.	23 94	
Barnard & Co., J. K., binding books,	.	.	26 19	
Clarke & Co., W. B., books,	.	.	58 13	
DeWolfe, Fiske & Co., books,	.	.	466 82	
<i>Amounts carried forward,</i>	.	.	\$575 08	\$2,076 49

<i>Amounts brought forward,</i> . . .	\$575 08	\$2,076 49
Dunton & Potter, printing reports and cards,	33 00	
Eastman's Express, expressage, . . .	38 05	
Fuller, Geo. E., care of rooms, . . .	77 84	
Funk & Wagnalls Co., book, . . .	5 40	
Gibbons, Rosa, salary,	125 00	
Goss, F. M., books,	5 00	
Guild & Co., W. H., books and papers, .	124 60	
Ingalls, J. C., book,	2 75	
King, G. F. & Merrill, sundries, . . .	7 60	
Library Bureau, binders,	2 82	
Libby, C. L., care of books,	50 50	
Macmillan & Co., books,	2 03	
Mass. Historical Society, books, . . .	6 00	
Melrose Journal, printing,	30 00	
Paine's Furniture Co., book case and chairs,	22 45	
Patch, C. A., treas., on acct. catalogues, .	150 00	
Publishers' Weekly, index,	3 66	
Sargent & Son, Geo B., repairing stamp, .	40	
Scribner's Sons, Chas., book,	1 00	
Small, Willard, books,	11 27	
Torrey, H. A., book,	4 75	
Wilder & Co., L. B., sundry printing and rebinding books.	249 54	
Worthen, Miss C. M., salary,	547 75	\$2,076 49

SALARIES TOWN OFFICERS.

Balance, 1893,	.	.	.	.	.	\$35 14
Appropriation,	.	.	.	.	.	5,150 00
						\$5,185 14

EXPENDED.

Leonard, Henry A., assessor, 1894,	.	.	.	.	.	\$250 00
Pratt, Dexter, assessor, 1894,	.	.	.	.	.	250 00
Stantial, Geo. C., assessor, 1894,	.	.	.	.	.	250 00
Stantial, Geo. C., clerical services, 1894,	.	.	.	.	.	250 00
Gould, Edwin C., auditor, 1894,	.	.	.	.	.	300 00
Sanborn, John E., M. D., board of health,						
1894,	.	.	.	.	.	50 00
Warren, E. L., M. D., board of health,						
1894,	.	.	.	.	.	50 00
Washburn, Frank L., board of health,						
1894,	.	.	.	.	.	50 00
Bordman, E. K., town clerk, 1894,	.	.	.	.	.	300 00
Lane, Addison, collector, 1892,	.	.	.	.	.	64 54
Lane, Addison, collector, 1893,	.	.	.	.	.	558 79
Lane, Addison, collector, 1894,	.	.	.	.	.	502 63
Locke, Calvin, forest fire ward, 1894,	.	.	.	.	.	15 00
Marshall, James, forest fire ward, 1894,	.	.	.	.	.	15 00
Pratt, Dexter, forest fire ward, 1894,	.	.	.	.	.	15 00
Worthen, Chase C., forest fire ward, 1894,	.	.	.	.	.	15 00
Pratt, Dexter, inspector of buildings,						
1894,	.	.	.	.	.	100 00
Fields, Henry G., overseer of poor, 1894,	.	.	.	.	.	200 00
Bale, Mrs. M. B., overseer of poor, 1894,	.	.	.	.	.	50 00

Amounts carried forward, . \$3,285 96 \$5,185 14

<i>Amounts brought forward,</i>	.	\$3,285 96	\$5,185 14
Buttrick, Sidney H., selectman, 1894,		200 00	
Cook, Chas. W.,	" "	200 00	
Deering, John P.,	" "	200 00	
Moore, Eugene H.,	" "	200 00	
Norton, Daniel,	" "	200 00	
Newhall, George, treasurer, 1894,	.	500 00	
Babb, Walter, registrar of voters, 1894,		50 00	
Bordman, E. K.,	" " " "	75 00	
Hocking, Alfred,	" " " "	50 00	
Kirmes, Victor C.,	" " " "	50 00	\$5,010 96
Balance,	.		\$174 18

SCHOOL BUILDINGS.

Construction, remodelling, etc.

Expended in 1890,	.	\$25,528 00
" " 1891,	.	20,011 31
" " 1892,	.	776 56
Goss, C. B. & F. H., coal,	.	17 25
		\$46,333 12
Cash received for dwelling house,		1,045 00
Treasurer authorized to borrow,		45,300 00

SUPPORT OF SCHOOLS.

Balance, 1893,	.	612 98
Appropriation,	.	47,000 00
Cash, A. J. Burnett & Co., refunded,	.	6 05
<i>Amount carried forward,</i>	.	\$47,619 03

Amount brought forward, . . . \$47,619 03

EXPENDED.

Teachers' Salaries.

Whitman, Alonzo G., . . .	\$2,000 00
Small, Fritz H., . . .	1,000 00
Atwood, Isabella L., . . .	550 00
Ballou, A. A., . . .	800 00
Barrett, Helen J., . . .	600 00
Barrows, M. D., . . .	280 00
Bisbee, Lucy W., . . .	600 00
Bishop, Clara, . . .	265 00
Call, Etta J., . . .	535 00
Carter, Willis S., . . .	600 00
Chadbourne, Annie B., . . .	550 00
Chapin, Isabel, . . .	550 00
Clark, Mary R., . . .	200 00
Coggeshall, M. I., . . .	520 00
Coyle, Cecilia, . . .	470 00
Crane, Eva R., . . .	550 00
Crosby, Della H., . . .	550 00
Davis, Esther M., . . .	550 00
Davis, Lillie J., . . .	550 00
Dempsey, Nellie C., . . .	510 00
Dermot, Lucy F., . . .	550 00
Dowe, Harriet, . . .	180 00
Drake, Grant, . . .	800 00
Ellis, Florence M., . . .	550 00
Fairbanks, Harriet C., . . .	1,000 00

Amounts carried forward, . . . \$15,310 00 \$47,619 03

EXPENSES OF THE TOWN.

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<i>Amounts brought forward,</i>	.	.	\$15,310 00	\$47,619 03
Field, Hattie D.,	.	.	485 00	
Frost, Louise,	.	.	535 00	
George, Mary J.,	.	.	650 00	
Guptill, Alma J.,	.	.	550 00	
Heath, Rosamond,	.	.	120 00	
Knowles, Ruth,	.	.	180 00	
Lawrence, Bertha M.,	.	.	435 00	
Libby, Inez H.	.	.	270 00	
Long, Alice H.,	.	.	550 00	
Long, Annie P.,	.	.	240 00	
Loring, Mary,	.	.	64 00	
Lovejoy, Jennie G.,	.	.	11 44	
Mansfield, Clarimond,	.	.	390 00	
McCormick, A. Louise,	.	.	550 00	
Melcher, Susan D.,	.	.	550 00	
Mendum, Lydia,	.	.	700 00	
Merrill, Arline,	.	.	160 00	
Mitchell, Belle,	.	.	220 00	
Mowry, Clara B.,	.	.	240 00	
Nye, Mary E.,	.	.	535 00	
Plummer, Mary A.,	.	.	315 00	
Preston, I. S.,	.	.	135 00	
Ransom, Annie M.,	.	.	220 00	
Rhodes, Grace,	.	.	131 77	
Ricker, Hattie G.,	.	.	650 00	
Sheppard, Clara E.,	.	.	87 50	
Smith, Annie G.,	.	.	690 00	
Smith, Sarah G.,	.	.	300 00	
Snow, Minnie F. C.,	.	.	460 00	
Stewart, Gertrude B.,	.	.	220 00	

Amounts carried forward, . . \$25,854 71 \$47,619 03

<i>Amounts brought forward,</i>		\$25,854 71	\$47,619 03
Sweetser, Effie C.,	.	700 00	
Swett, Alice M.,	.	800 00	
Taylor, Hattie C.,	.	245 00	
Trowbridge, Amelia F.,	.	510 00	
Tucker, Annie E.,	.	492 50	
Tupper, Mary E.,	.	460 00	
Weeks, Emma A.,	.	535 00	
Young, Janet,	.	550 00	
		\$30,147 21	

School Superintendent.

Robinson, B. F.,	.	\$2,000 00
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Janitors' Salaries.

Bemis, Frank,	.	\$276 64
Boutwell, Geo. W.,	.	1,045 84
Fuller, Charles H.,	.	300 00
Hitchins, John,	.	260 00
Molyneux, Edward H.	.	60 00
Ray, Thomas,	.	100 00
Upham, Eri,	.	200 00
Weeks, Isaac C.,	.	859 98
		\$3,102 46

Fuel and Gas.

Benson & Co., S. E., coal and wood,	.	\$2,079 50
Goss, C. B. & F. H., " "	.	2,788 49
Malden & Melrose Gas Light Co., gas,		35 80
McCarthy's Sons, J., charcoal,	.	33 75
Turner, W. P.,	.	16 25
		\$4,953 79

<i>Amount carried forward,</i>	.	\$47,619 03
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Amount brought forward, . . . \$47,619 03

Furniture, Desks, Etc.

Bird & Co., Lewis J., desks and chairs,	\$65 63
Chandler Chair & Desk Co., desks and chairs,	106 00
McCullough, J. J., chairs,	12 60
Miller, A. K., desk and chair,	10 00
Perry & Co., Geo. S., desks and chairs,	325 15
United States School Fur. Co., chairs, .	16 80
	\$536 18

Miscellaneous.

Albany Venetian Blind Co., blinds, .	\$24 12
Austin, J. S., carriage hire,	21 00
American Express Co., expressing, .	17 10
Babb & Stephens, printing programmes,	13 00
Bartlett, G. W., carriage hire,	5 00
Barstow Stove Co., dampers and labor,	5 38
Bemis, F. N., labor,	9 00
Boardman & Co., W. W., horse hire, .	8 00
Braman, Dow & Co., sundries,	13 17
Breck & Sons, Joseph, "	11 50
Bugbee & Barrett, "	1 43
Burlen, Robert, rebinding books,	77 25
Carter Bros. & Co., chemicals	1 36
Carter, W. S., colors,	11 50
Chase, O. R., carriage hire, ,	4 00
Chandler & Farquhar, emery,	90
Corson, Fred W., building fence,	30 45
Cushman, Bros., & Co., window shades,	4 95
Daniels & Son, J. H., diplomas,	25 00

Amounts carried forward, . . . \$284 11 \$47,619 03

<i>Amounts brought forward,</i>	.	.	.	\$284 11	\$47,619 03
Drown, O. E., fumigating,	.	.	.	4 00	
Dunton & Potter, printing,	.	.	.	7 50	
Eastman's Express, expressing,	.	.	.	59 75	
Ellison, C. W., postage stamps,	.	.	.	10 98	
Everson, Charles H., stock and labor,	.	.	.	34 05	
Flatley, J. C., repairing flags,	.	.	.	3 00	
Franklin, A. B., stock and labor,	.	.	.	348 12	
Freeman, L. T., teaming chairs,	.	.	.	5 50	
Frost & Hawes, sundries,	.	.	.	3 35	
Fuller, G. E., building stage, Town Hall,	.	.	.	12 00	
Fuller, G. P., Jr., services,	.	.	.	1 00	
Gilbride & Grey, lawn mower,	.	.	.	24 80	
Globe Stamp Works, stamps,	.	.	.	1 40	
Harvey & Co., Charles C., carting					
piano,	.	.	.	11 00	
Hoffman, C. L., cleaning vaults,	.	.	.	6 50	
Hurd & Co., ribbons, etc.,	.	.	.	10 91	
Jefts, Wm. A., moving furniture,	.	.	.	3 50	
Jones, Edward A., Melrose House Guide,	.	.	.	1 00	
Jordan & Christey, dusters,	.	.	.	60 38	
Lapham, O. F., labor,	.	.	.	2 00	
Larrabee & Stearns, telephoning,	.	.	.	70	
Libby, G. W., maps,	.	.	.	7 20	
Lynde, A. W., building fence,	.	.	.	35 40	
Magee Furnace Co., water combination,	.	.	.	95 00	
Malden, City of, tuition of twenty-eight					
pupils,	.	.	.	625 00	
Melrose Athletic Club, vaulting bar, etc.,	.	.	.	25 00	
Melrose Journal, Printing,	.	.	.	92 31	
Merrill, F. H. J., labor,	.	.	.	9 77	
Melrose, Town of, sidewalk,	.	.	.	9 21	
<i>Amounts carried forward,</i>	.	.	.	\$1,795 44	\$47,619 03

<i>Amounts brought forward,</i>	\$1,795 44	\$47,619 03
McCoubry, Thos., stock and labor,	1 15	
McCullough, J. J., window shades,	2 80	
McFarlin, W. J., sundries,	80	
Mitchell Mfg., Co., A. W., badge,	1 04	
Molyneux, E. H., labor,	12 00	
McDonald., A, stock and labor,	303 42	
Norton, D., halliards for flags,	7 50	
Nye, E. B., tuning piano,	8 00	
Perry, H. J., hardware, etc.,	93 97	
Philpot, R., cleaning cesspools,	43 50	
Philpot, R., laying concrete sidewalk,	33 34	
Pratt's Son, D., six clocks,	39 00	
Reed, G. P., cleaning clocks,	6 00	
Rink, J. C., labor,	5 50	
Robinson, B. F., postage and incidentals,	91 27	
Scribner, S. M., hardware,	17 14	
Smith, W. labor on flag poles,	10 00	
Stone, H. W., making diplomas,	5 10	
Thorp & Martin Co., stencil paper,	2 70	
Trask & Co., H. D., cleaning furnace pipe,	130 35	
Twombly & Co., A. J., moving furniture,	3 00	
Wadsworth, Howland & Co., oil and paint,	8 73	
Warren & Co., M. C., hardware,	3 88	
Weeks, I. C., stock and labor,	35 90	
Weld, F. D., extension ladder,	10 00	
Woodhull, C. E., tuning piano,	2 50	
Worthen, A. E., services collecting tickets,	1 00	
	\$2,674 03	
<i>Amount carried forward,</i>		\$47,619 03

Amount brought forward, \$47,619 03

REPAIRS.

Barstow Stove Co., repairing furnace	
pipe,	\$15 65
Brock Bros., stock and labor, . . .	140 61
Burnett, A. J., stock and labor, . . .	12 45
Cass & Bridge, painting school buildings,	121 75
Curry, R. H., stock and labor, . . .	10 10
Deering & Co., J. P., lumber, . . .	88 25
Dew, G. W., stock, labor and painting,	18 43
Gibson & Son, J. H., painting school	
building,	96 22
Gould & Cook, repairing pencil sharp-	
ener,	4 47
Gould & Cutler, paints and oil, . . .	74 23
Holbrook, J. L., stock and labor, . . .	1 46
Parker, A. W., setting glass, . . .	1 25
Patterson, J. H., labor, mason, . . .	25 46
McCarthy, J. E., mason-work, . . .	21 75
Richardson, Wm., dressing black-boards,	
etc.,	168 27
Sunman, C. W., stock and labor, . . .	18 43
Webb, D. A., repairing and varnishing	
desk,	48 00
Woodward, D. R., stock and labor, . .	138 48
	\$1,005 26

Supplies, Books, Stationery, etc.

American Book Co., books.	86 83
Appleton & Co., D., books,	14 00
Babb & Co., E. E., books,	493 24

Amounts carried forward, . . . \$594 07 \$47,619 03

<i>Amounts brought forward,</i>	.	.	\$594 07	\$47,619 03
Boston School Supply Co., books,	.		52 70	
Boyden, A. C., books.	.	.	1 80	
Century Co., books,	.	.	4 00	
Carter, Carter & Kilham, sponges,	.		4 94	
Carter, Rice & Co., paper,	.	.	21 16	
Castor & Co., T. H., books,	.	.	37 01	
Cutler Bros. & Co., chemicals,	.	.	5 14	
Draper, J. H., druggist sundries,	.	.	4 15	
Dunton & Potter, paper and card-board,			12 00	
Educational Publishing Co., books,	.		57 64	
Franklin Educational Co., books,	.		135 76	
Frost & Adams, sundries,	.	.	23 46	
Ginn & Co., books,	.	.	526 76	
Hammett, J. L., sundries,	.	.	19 77	
Heath & Co., D. C., books,	.	.	70 08	
Holden Pat. Book Cover Co., covers,	.		26 44	
Houghton, Mifflin & Co., books,	.	.	60 94	
Kellogg & Co., E. L., books,	.	.	10 62	
King, G. F. & Merrill, sundries,	.	.	191 63	
Leach, Shewell & Sanborn, books,	.		136 79	
Lee & Shepard, books,	.	.	50 61	
Lothrop Co., D., books,	.	.	12 80	
Maynard, Merritt & Co., books,	.	.	7 20	
Meade, Dodge & Co., paper,	.	.	93	
Nichols Co., The C. A., books,	.	.	18 00	
Perry, & Co., Geo. S., sundries,	.	.	236 91	
Porter & Co., J. E., books,	.	.	2 84	
Potter & Coates, books,	.	.	45 25	
Pulsifer, Jordan & Co., paper,	.	.	400 01	
Scribner's Sons, Chas., books,	.	.	5 10	

Amounts carried forward, . . . \$2,776 51 \$47,619 03

<i>Amounts brought forward,</i>	.	\$2,776 51	\$47,619 03
Silver, Burdett & Co., books,	.	155 21	
Small, William, books,	.	1 89	
University Publishing Co., books,	.	92 13	
Ware & Co., W., books,	.	6 00	
Werner Co., The, books,	.	82 08	
		\$3,113 82	

RECAPITULATION.

Teachers' salaries,	.	\$30,147 21	
Superintendent's salary,	.	2,000 00	
Janitors' salaries,	.	3,102 46	
Fuel and gas,	.	4,953 79	
Furniture, desks, etc.,	.	536 18	
Miscellaneous bills,	.	2,674 03	
Repairs,	.	1,005 26	
Supplies,	.	3,113 82	
			47,532 75
Balance,	.		
			\$86 28

SEWER FUND.

Cr.

Cash received for 75 sewer bonds sold,	\$75,000 00	
" premium,	4,813 00	
" accrued interest,	716 68	
" highway dept., engi-		
neer's services,	125 00	
" sidewalk dept., engi-		
neer's services,	250 00	
		\$80,904 68

Dr.

Interest, coupons on sewer bonds,	\$1,500 00	
Bills on account of construction,	69,887 46	
Bill of W. C. Stevens, as reported 1893,	994 00	
		72,381 46
Balance to credit of fund,		
		\$8,523 22
See report of sewer dept. for details.		

SIDEWALKS—CONCRETE.

Balance, 1893,					\$154 85
Appropriation,					2,500 00
Cash received for concrete laid in 1890,	\$20	57			
“ “ “ 1891,	59	28			
“ “ “ 1892,	107	34			
“ “ “ 1893,	302	98			
“ “ “ 1894,	1,143	46			
					<u>1,633 63</u>
					\$4,288 48

EXPENDED.

Dunton & Potter, printing,				\$2 75
Ellison, C. W., P. M., postage stamps,				10 00
Gilchrist, Geo. E., one-half expense				
141.16 yds. laid in 1892,				42 34
Gould, Edwin C., clerical services under				
direction of selectmen,				15 00
Jones, N. P., one-half expense 46.8 yds.				
laid 1893,				14 04
Melrose Journal, printing,				2 00
Sturgess, P. F., one-half expense 120.1				
yds. laid in 1893,				36 03
Sewer dept., services of engineer,				250 00
Hoffman, C. L., 2,456.44 yds. at 50 cts.,	1,228	22		
“ 1,327.49 yds. repairing				
at 50 cts.,				637 62
“ 1,079.37 yds. top dress-				
ing at 25 cts.,				269 83
Philpot, Robert, 2,936.47 yds. at 50 cts.,	1,468	22		
“ 252.22 yds. repairing at				
50 cts.,				126 13
“ 274.57 yds. top dress-				
ing at 25 cts.,				68 64
				<u>\$4,170 82</u>
Balance,				\$117 66

New walks laid, one-half to be paid by abutters, 5,956.98 yds.,	\$2,978 79
New walks laid by abutters, one-half paid by town, 308.06,	92 41
Repairing 1,579.71 yds., paid by town,	763 75
Top dressing, 1,353.94 yds.,	338 47
Amount due from abutters, laid in 1889,	\$35 79
“ “ “ 1890,	11 39
“ “ “ 1891,	8 00
“ “ “ 1892,	119 58
“ “ “ 1893,	163 24
“ “ “ 1894,	370 07
	\$708 07

BURIAL OF INDIGENT SOLDIERS AND SAILORS.

Refunded by the Commonwealth.

Gately, John H., undertaker's services,	\$35 00
Pierce & Son, A. B., “ “ .	105 00
	\$140 00

SOLDIERS' LOTS.

Balance, 1893, , .	\$142 73
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EXPENDED.

Cemetery Dept., labor on lots, . . .	9 00
Balance,	\$133 73

SOLDIERS' RELIEF.

Appropriation,	\$750 00
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EXPENDED.

Ames, Benj., rents,	\$108 00
Barker, G. U., groceries,	10 00
Benson & Co., S. E., coal and wood,	43 88
Beverly, town of, rent and groceries,	196 39
Bugbee & Barrett, groceries,	130 00
Burbank, A. F., cash allowance,	5 00
Burnham, Mrs. E. D., cash allowance,	8 00
Claussen, Christian,	125 00
Eldridge, S. O., groceries,	38 00
Goss, C. B. & F. H., coal and wood,	22 50
Hancock, C. F., groceries,	18 21
Hinckley, L. F., groceries,	18 00
Hocking, A., groceries,	139 00
Holbrook & Norton, groceries,	113 00
Howard, Mrs. Mary E., cash allowance,	42 00
Ingalls, H. P., groceries,	74 50
Lander, Gen'l, Post 5, G. A. R., relief furnished,	36 00
Marshall, J., coal and wood,	17 25
Newhall, Geo., boots,	1 25
Sanborn, F. E., groceries,	3 00
Smith Bros., repairing shoes,	2 85
Tucker, F. J., cash allowance,	161 00
Wells, W. H., groceries,	10 00
York, Josiah R., cash allowance,	2 00
York, Mrs. Nancy M., cash allowance,	39 00

\$1,363 83

Expenditures exceed appropriation,

\$613 83

SPOT POND IMPROVEMENT.

Balance, 1893,	.	.	.	.	.	\$251 24
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EXPENDED.

Hesseltine, F. S., legal services,	.	.	\$100 00
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Balance,	.	.	.	.	.	\$151 24
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STATE AID.

Paid disabled soldiers and dependent relatives during year of 1894.

Refunded by the Commonwealth, Dec., 1895.

Arnold, Thomas F.,	.	.	.	.	\$12 00
Arnold, Rebecca E.,	.	.	.	.	12 00
Babcock, George W.,	.	.	.	.	63 00
Baldwin, Mary C.,	.	.	.	.	16 00
Barrett, Sarah,	.	.	.	.	48 00
Bryant, Lydia J.,	.	.	.	.	36 00
Burbank, Abigail F.,	.	.	.	.	28 00
Burbank, Sophia G.,	.	.	.	.	24 00
Burnham, Elizabeth D.,	.	.	.	.	48 00
Burnham, Paschal E.,	.	.	.	.	12 00
Chandler, Abby A.,	.	.	.	.	48 00
Chapman, Phœbe H. K.,	.	.	.	.	8 00
Critchett, Charles E.,	.	.	.	.	44 00
Doherty, Daniel,	.	.	.	.	60 00
Double, Elizabeth A.,	.	.	.	.	48 00
Drake, Alvin,	.	.	.	.	51 00
Emerson, James G.,	.	.	.	.	48 00
Everson, Sarah J.,	.	.	.	.	48 00
Foster, Elmira A.,	.	.	.	.	48 00

<i>Amount carried forward,</i>	.	.	\$702 00	\$3,104 78
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<i>Amount brought forward,</i>	\$702 00
French, Rebecca H.,	48 00
Gamble, Ellen,	4 00
Gibbs, Benjamin F.,	4 00
Grover, George W.,	48 00
Guild, John H.,	2 00
Hare, Andrew,	48 00
Heaton, Anastasia,	48 00
Hollis, Melissa,	48 00
Hood, Wendell P.,	64 00
Hubbard, George F.,	72 00
Irwin, William F.,	72 00
Johnson, Jerome B.,	4 00
Lovett, Jane,	24 00
McLaughlin, Mary,	48 00
Mitchell, Moses P.,	48 00
Poole, Helen E.,	48 00
Richardson, William H.,	36 00
Rowell, Hannah,	48 00
Rowell, Stephen P.,	48 00
Spear, Ephraim W.,	36 00
Storey, Hannah,	48 00
Swett, Cyrus E.,	48 00
Terry, Mary,	48 00
Tucker, Helen E.,	48 00
Warren, Ephram L.,	60 00
Weeks, Luzon,	30 00
Woodard, Freeman,	48 00
Woodward, Jane E.,	48 00
York, Benjamin F.,	48 00
York, Josiah R.,	20 00
York, Nancy M.,	16 00
York, William B.,	32 00

STREET LIGHTS.

Balance, 1893,		\$300 93	
Appropriation,		8,000 00	
Cash received for old lamps,		3 00	
			8,303 93

EXPENDED.

Malden Electric Co., street lighting, as	.		
per contract,			8,303 33
Balance,			60

STREET SIGNS.

Balance, 1893,			\$62 74
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EXPENDED,

Goodno, W. A., labor on posts,		\$6 00	
Parker, A. W., making and painting signs,		49 75	
			55 75
Balance,			\$6 99

COUNTY, STATE AND SEWER TAXES.

Treasurer, county tax of 1894,		\$7,195 97	
" state " "		6,580 00	
" metropolitan sewer loan sinking fund,		735 68	
" interest on metropolitan sewer loan,		2,506 42	
" cost of maintenance of metropolitan sewer,		799 80	
			\$17,817 87

TOWN HALL,

Appropriation,	.	.	.	.	:	\$600 00
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Cash received for use of hall from the following :

Davis, C. C.,	.	.	.	.	.	\$60 00
Golden Slipper Concert Co.,	.	.	.	.	.	30 00
Health lecture,	.	.	.	.	.	10 00
Lewis, Rev. J. J.,	.	.	.	.	.	50 00
Melrose Athletic Club,	.	.	.	.	.	15 00
“ Associated Charities,	.	.	.	.	.	10 00
“ Amphion Club,	.	.	.	.	.	80 00
“ Co-operative Bank,	.	.	.	.	.	15 00
“ Club,	.	.	.	.	.	20 00
“ firemen,	.	.	.	.	.	15 00
“ high school alumni,	.	.	.	.	.	10 00
“ high school,	.	.	.	.	.	5 00
“ Hospital Association,	.	.	.	.	.	15 00
“ lyceum,	.	.	.	.	.	200 00
“ national bank,	.	.	.	.	.	125 00
“ republican town committee,	.	.	.	.	.	20 00
Republican senatorial committee,	.	.	.	.	.	10 00
St. Mary's society,	.	.	.	.	.	65 40
Unitarian society,	.	.	.	.	.	30 00
Universalist society,	.	.	.	.	.	30 00
Uncle Tom's Cabin Co.,	.	.	.	.	.	30 00
Woodward, S.,	.	.	.	.	.	10 00
Young Men's Christian Association,	.	.	.	.	.	50 00
						905 40
<i>Amount carried forward,</i>	.	.	.	.	.	\$1,505 40

Amount brought forward, \$1,505 40

EXPENDED.

Fuel and Gas.

Benson & Co., S. E., coal,	\$130 00
Goss, C. B. & F. H., coal,	135 70
McCarty, John, charcoal,	4 50
Malden Electric Co., light at Essex street entrance,	43 60
Malden & Melrose Gas Light Co., . .	680 48
	\$994 28

Miscellaneous Bills.

Bugbee & Barrett, sundries,	\$7 35
Connell, John, labor,	37 50
Durham, Henry, labor,	23 50
Eastman's Express, moving piano, . .	19 00
Frost & Hawes, mop,	20
Fuller, G. E., janitor,	275 00
Goodno, W. A., stock and labor, . .	5 30
Howard Watch & Clock Co., labor on clock,	10 34
Jordan & Christie, brushes,	10 75
Larrabee & Stearns, sundries,	3 20
Mason, E. Carson, tuning piano, . .	3 00
McCullough, J. J., window shades, . .	5 40
Norton, D., halliard,	1 50
Perry, H. J., locks, keys, etc., . . .	10 49
Richardson, Wm., labor,	80
Tarbell, E. R. & E. H., alcohol torch, .	1 50
	\$414 83

Amount carried forward, \$1,505 40

Amount brought forward, . . . \$1,505 40

Repairs.

Brock Bros., stock and labor, . . .	10 63
Burnett & Co., A. J., stock and labor, .	45 89
Deering & Co., J. P., lumber, . . .	10 30
Edwards, Jos., stock and labor, . . .	2 75
Franklin, A. B., labor,	2 24
Goodno, W. A., stock and labor, . . .	21 73
Parker, A. W. setting glass, stock and labor,	16 83
Perry, H. J., sash cords and pulleys, .	1 38
Ryder, C. E., stock and labor, . . .	1. 50
	\$113 25

Recapitulation.

Fuel and lights,	\$994 28
Miscellaneous bills,	414 83
Repairs,	113 25
	\$1,522 36

Amount overpaid, *\$16 96

* Made good by bills paid since Treasurer's books were closed.

TOWN USE OF WATER FOR PUBLIC PURPOSES.

Appropriation, \$3,000 00

EXPENDED.

Water Department bill, \$3,000,00

Water Fund.

Balance to the credit of account 1893, .	\$6,571 83
Received from E. H. Goss, water regis- trar, for water rates collected 1894, \$35,900 30	
Received for 12 water bonds sold, . 12,000 00	
Received for premiums and interest, . 454 00	
	\$48,354 30

Amount carried forward, . . . \$54,926 13

Amount brought forward, . . . \$54,926 13

DR.

Water loan sinking fund commission		
surplus, 1893,	\$7,221	55
Interest coupons on water bonds, . . .	9,940	00
Bills on account of construction and		
maintenance, etc.,	41,396	34
Transferred to additional water supply,	577	55
	\$59,135	44
Expenditures exceed receipts,		\$4,209 31

Additional Water Supply.

Transferred from water fund, . . .	\$577	55
Less amount over-paid 1893, . . .	577	55

WYOMING CEMETERY.

RECEIPTS.

Sale of lots,	\$1,714	75
For deeds in exchange for lots in old		
cemetery,	19	00
Sale of single graves,	69	00
Care of lots,	902	25
Labor,	41	50
Interments,	469	25
Foundations and vaults,	250	16
Dressing,	30	00
Rent of Pratt farm,	169	50
Interest on trust funds,	121	78
<i>Amount carried forward,</i>		\$3,787 19

Amount brought forward, \$3,787 19

EXPENDED.

Benson & Co., S. E., sleepers,	\$ 75
Blake, George F., casket depositor, . .	37 50
Blen, E. A., manure,	28 75
Brock Bros., leathers and repairing pumps,	1 15
Brock Bros., one sink,	3 40
Bugbee & Barrett, grass seed, boxes, powder, etc.,	26 30
Carlisle, E. A., Pope & Co., doors, sash, etc.,	21 55
Casey, Cornelius, flowers,	21 61
Cassell T., manure,	8 75
Collegan, Mrs. J., manure,	3 75
Deering & Co., J. P., lumber,	80 80
Dunton & Potter, printing,	3 25
Eastman's Express, expressage,	2 85
Ellison, C. W., P. M., postage stamps, .	15 00
Frost & Hawes, boxes,	30
Goss, C. B. & F. H., cement,	39 60
Gould, Edwin C. services rendered from Jan. 1, 1894, to Dec. 31, 1894, com- piling records, removing bodies from old cemetery and other cleari- cal services, under direction of committee,	165 90
Harlow, Wm., numbering markers, . .	5 40
King, G. F., & Merrill, letter file, . .	50
Larrabee, John, salary as committee, .	25 00

Amounts carried forward, . . . \$492 11 \$3,787 19

<i>Amounts brought forward,</i>	.	.	\$492 11	\$3,787 19
Larrabee & Stearns, blank book,	.	.	70	
McCoubry, Thos., stock and labor				
sharpening tools,	.	.	15 77	
McDonald, D., 254.6 ft. granite capping,			139 97	
Marshall, James, manure,	.	.	2 00	
Marshall, Thomas, manure,	.	.	6 00	
Maclachlan, A. L., repairing straps,	.	.	50	
Water dept., pipes and water rates,	.	.	35 75	
Newhall, Geo., salary as committee,	.	.	25 00	
Perry, H. J., powder, fuse and tools,	.	.	5 53	
Perry, H. J., hardware,	.	.	14 48	
Ripley, C. A., labor on Pratt house,	.	.	104 12	
Small, Edwin A., 500 slate markers,	.	.	125 00	
Smith Bros., sharpening mowers,	.	.	5 10	
Swett & Scribner, tools,	.	.	15 63	
Vaughan, S. E., 100 boxes,	.	.	22 00	
Woodward, D. R., labor on fence, old				
cemetery,	.	.	18 05	

Labor and Teams.

Marshall, Thos., supt., 5 mos.,	\$325 00	
Men, 99½ days at \$2.50,	248 75	
Men, 1147¾ days at 2.00,	2,295 75	
Teams, 136½ days at 1.75,	238 87	\$3,108 37
		\$4,136 08
Expenditures exceed receipts,	.	\$348 89

REPORT OF TOWN TREASURER.

Cash in treasury, January 13, 1894, . . .	\$9,682 66
Total receipts for the year,	355,024 74
	\$364,707 40
Total disbursements,	359,807 37
Cash in treasury, January,	\$4,900 03

CEMETERY TRUST FUNDS.

1885. Estate Sally Upham	\$200 00
1886. S. B. Cochrane,	200 00
1887. Estate of Wm. H. Jones,	100 00
1888. Estate of Mrs. Lynthia L. Burgess,	100 00
1888. C. O. and Mrs. Thomas Robinson,	100 00
1889. Mrs. Caroline Curtis,	100 00
1889. C. E. Daniels, treasurer Winchester Home,	300 00
1889. Estate of J. Vincent Smith, M. D.,	200 00
1889. Estate of Peter Edgerly,	100 00
1890. Mrs. Sarah Whowell,	50 00
1890. William A. Fuller,	150 00
1891. Mrs. J. P. Becket,	100 00
1891. Louis Earl,	100 00
1892. Daniel Russell,	200 00
1892. Estate of Jonathan Lynde,	100 00
1892. Miss Joana Stackpole,	100 00
1892. Estate of Eliza L. Crocker,	100 00
1892. Hannah Scrannage,	50 00
<i>Amount carried forward,</i>	<i>\$2,350 00</i>

<i>Amount brought forward,</i>	.	.	.	\$2,350 00
1893. Estate of George N. Noyes,	.	.	.	100 00
1893. Estate of James H. Little,	.	.	.	150 00
1894. Estate of Lucy M. A. Payne,	.	.	.	150 00
1894. Estate of Charles D. Wild,	.	.	.	100 00
1894. Estate of Mary G. Upham.	.	.	.	100 00
1894. Eliza A. & Geo. E. Fenn,	.	.	.	100 00
1894. Mrs. Susan P. Whitney,	.	.	.	50 00
1894. Mrs. Lizzie M. Liniken,	.	.	.	150 00
				\$3,250 00

GEO. NEWHALL, TREASURER.

In account with the TOWN OF MELROSE.

DR.

Cash in treasury January 13, 1894,	.	\$9,682 66
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RECEIPTS.

A. Lane, collector of taxes 1890,	.	.	\$8 72
" " " 1891,	.	.	52 62
" " " 1892,	.	.	922 40
" " " 1893,	.	.	58,789 39
" " " 1894,	.	.	83,996 40
			143,769 53
Water rates,	.	.	35,900 30
12 water bonds sold,	.	.	12,000 00
Interest,	.	.	454 00
			48,354 30
Cemetery trust fund,	.	.	650 00
Dog tax,	.	.	1,076 49
Commonwealth of Massachusetts:			
Military aid,	.	.	165 50
State aid,	.	.	1,911 00
<i>Amounts carried forward,</i>	.	.	\$2,076 50
			\$203,532 98

<i>Amounts brought forward,</i>	.	\$2,076 50	\$203,532 98
Bank and Corporation tax,	.	8,608 11	10,684 61
75 sewer bonds sold,	.	75,000 00	
Premium,	.	4,813 00	
Interest,	.	716 68	
Town of Melrose, for engr. services,	.	375 00	80,904 68
Temporary loans,	.		59,221 55
From various sources on account of			
Contingent,	.	103 69	
Commonwealth of Massachusetts,			
burial of soldier,	.	17 50	
Fire department,	.	86 00	
Highways,	.	512 25	
Interest,	.	432 60	
Perkins street extension,	.	350 00	
Police,	.	479 03	
Poor,	.	2,046 94	
Public Library,	.	30	
Schools,	.	6 05	
Sidewalks,	.	1,633 63	
Street lights,	.	3 00	
Town Hall,	.	905 40	
Wyoming Cemetery,	.	3,787 19	10,363 58
			\$364,707 40

STATEMENT OF THE TOWN DEBT.

WATER BONDS.

Melrose water loan, high service issue of 1885, due Nov. 1, 1905,	\$37,000 00
Melrose water fund, series of 1878, due May 1, 1907,	50,000 00
Melrose water fund series of 1890, renewal, due 1896-97-98-99, 1900, \$10,000 each year, .	50,000 00
Melrose water bond, series of 1892, due 1912, .	25,000 00
Melrose water bond, series of 1892, renewal, due 1912,	37,000 00
Melrose water bond, series of 1893, due 1913, .	50,000 00
	\$249,000 00

TOWN HALL BONDS.

Melrose Town Hall, due 1912, renewal, . . .	\$45,000 00
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SEWER BONDS.

Melrose sewerage loan, series of 1894, due June 1, 1924,	\$75,000 00
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PERMANENT LOANS.

*Loans on account of Building and Re-
modelling School Buildings, as per vote
May 20, 1890.*

Barnard & Stanwood, due Aug. 30, 1895 @ 4 per cent.,	\$10,000 00
Provident Inst. for Savings, due Dec. 8, 1898, @ 4 per cent.,	10,000 00

Amounts carried forward, . . . \$20,000 00 *\$369,000 00*

<i>Amounts brought forward,</i>		\$20,000 00	\$369,000 00
<i>Loans on account of Grove Street School Building, as per vote June 22, 1891.</i>			
Provident Inst. for Savings, due Dec. 8, 1900,		\$11,000 00	
<i>Loans on account of Warren Street and Vinton Street School Buildings, as per vote of 1892.</i>			
C. N. Barnard & Co., @ 4 per cent., due August 1, 1895,		\$7,000 00	
" 1896,		7,000 00	
" 1897,		7,000 00	\$52,000 00
			\$421,000 00

TEMPORARY LOANS.

Melrose savings bank, @ 4 per cent.:			
Dated Feb. 8, 1893,		\$10,000 00	
" Apr. 12, 1893,		5,000 00	
" May 4, 1893,		5,000 00	
Levi S. Gould, dated Aug. 1, 1893, on demand,		6,000 00	
Elizabeth T. Baker, dated Aug. 2, 1893, 6 mos., @ 6 per cent.,		500 00	
C. C. Odlin, dated Aug. 16, 1893, 6 mos., @ 6 per cent.,		700 00	
Elizabeth T. Baker, dated Aug. 26, 1893, 6 mos., @ 6 per cent.,		1,000 00	
Sarah F. Barron, dated Sept. 1, 1893, 6 mos., @ 6 per cent.,		200 00	
Wm. F. Conant, Tr., dated Sept. 6, 1893, 1 year, @ 6 per cent.,		1,000 00	
Eliza Eldridge, dated Sept. 6, 1893, 6 mos., @ 6 per cent.,		1,000 00	
<i>Amounts carried forward,</i>		\$30,400 00	\$421,000 00

<i>Amounts brought forward,</i>	\$30,400 00	\$421,000 00
John S. Austin, dated Sept. 12, 1893, 6 mos., @ 6 per cent.,	2,000 00	
Melrose savings bank, dated Dec. 28, 1893, demand, 4 per cent.,	15,000 00	
Melrose savings bank, dated Jan. 4, 1894, demand, 4 per cent.,	5,000 00	
Melrose savings bank, dated March 14, 1894, 1 year, for Main st. widening, 4 per cent.,	12,000 00	
Melrose savings bank, dated April 20, 1894, on demand, @ $3\frac{1}{4}$ per cent.,	5,000 00	
Lizzie C. Haskell, dated July 9, 1894, on demand, @ 4 per cent.,	5,000 00	
Water loan sinking fund, dated Jan. 1, on demand, @ 4 per cent.,	7,221 55	
Melrose savings bank, dated Dec. 19, 1894, on demand, $3\frac{1}{4}$ per cent.,	10,000 00	
		91,621 55
		\$512,621 55

CR.

Paid Bills per Warrant.

Burial of indigent soldiers,	\$140 00
Contingent special,	1,112 37
Contingent,	3,356 71
Fire alarm,	202 64
Fire department,	8,450 10
Health,	1,476 62
Highways,	12,771 59
Insurance,	1,441 80
Interest,	8,502 13
Main street,	6,070 77
Main street widening,	7,490 96
<i>Amounts carried forward,</i>	\$51,015 69

<i>Amount brought forward,</i>	\$51,015 69
Memorial day,	200 00
Military aid,	422 00
Metropolitan sewer, interest and sinking fund,	4,041 90
Numbering buildings,	57 00
Park department,	225 55
Perkins street extension,	406 24
Police department,	8,209 94
Poor department,	9,088 17
Public library,	2,076 79
Salaries of town officers,	5,010 96
School building, new,	17 25
Schools, support of,	47,532 75
Sewer department,	71,387 46
Sidewalks,	4,170 82
Soldiers' lots,	9 00
Soldiers' relief,	1,363 63
Spot pond improvement,	100 00
State aid,	1,994 00
Street lights,	8,303 33
Street signs,	55 75
Taxes (county and state),	13,775 97
Town Hall,	1,522 36
Water fund,	51,336 34
Water, town use of,	3,000 00
Wyoming cemetery,	4,136 08
Water loan sinking fund commissioners' surplus of 1893,	7,221 55
Loans, permanent,	17,000 00
Loans, temporary,	45,400 00
	\$359,807 37
Cash in treasury,	4,900 03
	\$364,707 40

AVAILABLE ASSETS.

Due from State, State aid, 1894, .	\$1,994 00	
“ military aid, 1894, .	211 00	
“ burial of soldiers, .	122 50	
		\$2,327 50
Uncollected taxes, 1890, . . .	\$10 00	
“ 1891, . . .	97 76	
“ 1892, . . .	981 57	
“ 1893, . . .	4,694 05	
“ 1894, . . .	63,382 99	
		69,166 37
Water loan sinking fund, . . .		12,042 50
Cash on hand,		4,900 03
		\$88,436 40
Net debt more than assets available, .		424,185 15
		\$512,621 55
Net debt,		424,185 15
Water bonds,	\$49,000 00	
Sewer bonds,	75,000 00	
		324,000 00
Net debt less water and sewer bonds, .		\$100,185 15

Respectfully submitted,

GEO. NEWHALL, *Treasurer,*

GEORGE NEWHALL, Treasurer,

In account with WATER LOAN SINKING FUND COMMISSIONERS.

DR.

Cash on hand,	\$413 75	
Received from town of Melrose, sur- plus of 1893,	7,221 55	
Received interest of four bonds from town of Melrose,	160 00	
Received interest on treasurer's note from town of Melrose,	288 86	
Dividends from Melrose savings bank,	18 34	
		\$8,102 50

CR.

By paid Boston Safe Deposit and Trust Co., box rent,	\$10 00	
By paid Geo. Newhall, services as treas- urer, one year, ending June 1, '94,	50 00	
Loaned town of Melrose, on treasurer's note,	7,221 55	
Balance,	820 95	
		\$8,102 50

ASSESSORS' REPORT

FOR YEAR 1894.

No. of dwelling houses,	2,583
“ inhabitants,	10,847
“ military, 18 to 45,	2,266
“ school children, 5 to 15,	1,904
“ horses,	638
“ cows,	214
“ dogs,	520
“ swine,	504

VALUATION.

Real Estate.

Buildings,	\$5,677,800 00	
Land,	3,708,975 00	
		<u>\$9,386,775 00</u>
Personal estate,	\$480,830 00	
Resident bank stock,	57,268 00	
		<u>\$538,098 00</u>
Total valuation,		\$9,924,873 00

Tax rate, \$14.20.

Tax assessed on real estate,	\$133,292 20
“ “ personal estate,	6,827 79
“ “ resident b'k st'k,	813 21
“ “ 3.126 polls,	6,252 00
	<u>\$147,185 20</u>
Additional,	325 81
	<u>\$147,511 01</u>
Abatements,	270 91
	<u>\$147,240 10</u>

APPROPRIATIONS FOR 1894.

Town.

Support of schools, . . .	\$47,000 00	
Highways, crossings and gutters, . . .	12,000 00	
Fire department, \$7,900 00,		
Hose carriage, 435 00,		
		8,335 00
Fire alarm,	200 00	
Health department,	1,500 00	
Interest,	6,000 00	
Insurance,	700 00	
Contingent,	3,000 00	
Numbering buildings,	50 00	
Police,	7,800 00	
Poor,	7,000 00	
Public library and dog tax,	1,000 00	
Sidewalks,	2,500 00	
Street lights,	8,000 00	
Town Hall,	600 00	
Military aid,	200 00	
Soldiers' relief,	750 00	
Parks,	100 00	
Reduction of debt,	5,000 00	
Deficiencies, interest, 1,096 70		
soldiers' relief, 44 86		
insurance, 28 38		
Town Hall, 97 63		
		1,267 57
Main street widening,	1,500 00	
Cleveland street,	1,000 00	
Salaries,	5,150 00	
Use of water, hydrants, etc.,	3,000 00	
Memorial day,	200 00	
		\$123,852 57
<i>Amount carried forward,</i>		\$123,852 57

<i>Amount brought forward,</i>	.	.	.	\$123,852 57
State tax,	.	.	.	6,580 00
County tax,	.	.	.	7,195 97
Sewerage tax, interest,	.	.	2,506 42	
fund,	.	.	735 68	
maintainance,	.		799 80	
				\$4,041 90
Overlay,	.	.	.	5,514 76
Amount of warrant to collector,				\$147,185 20

GEORGE C. STANTIAL,
HENRY A. LEONARD,
DEXTER PRATT,

Assessors for 1894.

COLLECTOR'S REPORT.

TAXES OF 1890.

Uncollected as per last report,	\$18 00
Interest in 1894,	72

\$18 72

Collected and paid treasurer,	8 72
---	------

Uncollected,	\$10 00
------------------------	---------

TAXES OF 1891.

Uncollected as per last report,	\$149 92
Interest in 1894,	2 04

\$151 96

Abated,	1 58
-------------------	------

\$150 38

Collected and paid treasurer,	52 62
---	-------

Uncollected,	\$97 76
------------------------	---------

TAXES OF 1892.

Uncollected as per last report,	\$1,735 48
Interest in 1894,	173 24

\$1,908 72

Abated,	4 75
-------------------	------

\$1,903 97

Collected and paid treasurer,	922 40
---	--------

Uncollected,	\$981 57
------------------------	----------

TAXES OF 1893.

Uncollected as per last report,	\$61,684 02
Interest in 1894,	2,111 81
Additional in 1894,	61 24
	\$63,857 07
Abated,	373 63
	\$63,483 44
Collected and paid treasurer,	58,789 39
	\$4,694 05

TAXES OF 1894.

Amount of warrant,	\$147,185 20
Additional,	325 81
	\$147,511 01
Abatements,	270 91
	\$147,240 10
Interest in 1894,	139 29
	\$147,379 39
Collected and paid treasurer,	83,996 40
Uncollected Jan. 1, 1895,	\$63,382 99

ADDISON LANE,

Collector.

Report of Inspector of Buildings.

MELROSE, Jan. 1, 1895.

To the Honorable Board of Selectmen:

I present the sixth annual report of this department. During the year 1894 building permits have been granted as follows :

In January, 4 as against 3 in 1893.

February, 1 " 2 "

March, 9 " 17 "

April, 32 " 16 "

May, 8 " 13 "

June, 19 " 12 "

July, 15 " 11 "

August, 22 " 8 "

September, 23 " 3 "

October, 20 " 3 "

November, 27 " 4 "

December, 17 " 4 "

Total for 1894, 197 " total 96 "

The several acts relating to the inspection of buildings should be incorporated in the new edition of the by-laws, so that builders and others may become more familiar with the requirements of the building laws.

Since the acceptance, in September last, of the new plumbing acts, the work performed under them has been very satisfactory, not only to the board but to the plumbers themselves.

DEXTER PRATT, *Inspector.*

REPORT
OF THE
BOARD OF ENGINEERS
OF THE
MELROSE FIRE DEPARTMENT,
FOR THE
YEAR ENDING DECEMBER 31, 1894.

MELROSE:
DUNTON & POTTER, PRINTERS, REPORTER OFFICE.
1895.

Report of Engineers of Fire Department.

To the Honorable Board of Selectmen :

GENTLEMEN :—We herewith submit our annual report for the year ending December 31, 1894, giving in detail the force and apparatus, a record of fires and alarms which have occurred during the year, with losses and insurance of property as near as could be ascertained, and other information relating to its efficiency, with necessary recommendations. We also take pleasure in congratulating your honorable board and the citizens of Melrose on the continued small loss of property. Our present department has been prompt in its efficiency and has continued its past record.

FORCE OF THE DEPARTMENT.

The force of the department consists of a chief engineer and two assistants, one engineman, one stoker, who is also relief engineman of steamer, two permanent drivers, fifteen hook and ladder men, and forty-eight hosemen.

APPARATUS.

The apparatus of the department consists of one steam fire engine, one hook and ladder truck carrying 228 feet of ladders, one supply wagon, two hose wagons, carrying 1,000 feet of hose each, two four-wheel carriages carrying 650 feet of hose each.

FIRE ALARM.

During the past year there have been added three new fire

alarm boxes, located as follows: box 29, corner Pleasant and Francis streets; Box 52, corner Highland avenue and Sargent street; box 61, Porter street near Linden, and an indicator in the steamer house, making three strikers, one gong, six tappers, twenty-five boxes, one indicator, twenty-five miles of wire. The system is very satisfactory.

HOSE.

There is now in use in the department, 5,500 feet of hose.

HOUSES.

The number of houses in the department is five, as follows; Central fire station on Main street, occupied by steamer and hose wagon; room under Masonic Hall, occupied by Hose 2; building on Franklin street, occupied by Hose 3; building on Foster street, occupied by Hose 4; room in basement of Town Hall, occupied by H. & L. Co., No. 1.

HORSES.

The number of horses is three, owned by the town, and are located in the Central fire station. There are five call horses for Hose 2, 3, and 4, and H. & L. Truck No. 1.

HYDRANTS.

There are at present two hundred and sixteen hydrants, nineteen having been added during the past year.

IMPROVEMENTS.

There has been added to the department one new hose wagon with swinging harnesses, and other improvements, located at the Highland hose house; three fire alarm boxes

in different parts of the town, also an indicator at the Centre house, and the hall of hose four's house has been finished.

RECOMMENDATIONS.

We would recommend the purchase of 1,000 feet of new hose, the purchase of a pair of horses for the hook and ladder truck, one horse for the hose company at the Highlands, and that permanent drivers be employed for the same, also more fire alarm boxes to be located in different parts of the town.

FIRES.

Our fire record for the past year has been one of success, owing to the efficiency of the department in responding. Small fires have been the result. Our losses have been small, and will compare favorably with any of the surrounding towns. A condensed statement will show value, insurance paid and losses as far as can be ascertained:

Total number of alarms for the year ending Dec. 31, 1894, 33; divided as follows:

False alarm, 1.

Call for assistance out of town, 1.

Alarms caused by interfering with wires, 1.

Fires at which hose was used, 23.

Fires at which no hose was used, 7.

19,250 feet of hose used.

Amount of property endangered, \$101,800.

Insurance upon the same, \$79,500.

Insurance paid upon the same, \$34,373.28.

Damage upon the same, \$42,354.99.

Total loss, \$7,981.71.

Jan. 26, 1894, box 32; buildings on Grove street; owned and occupied by Justus Geist; value of buildings and contents, \$4,800; insurance on buildings and contents, \$3,200;

insurance paid on buildings and contents, \$1,965; damage on buildings and contents, \$3,925; cause, caught from heater.

Feb. 4, 1894, box 41; building on Grove street; owned by F. R. Upham, occupied by H. E. Phinney; value of building and contents, \$1,000; insurance upon building and contents, \$200; insurance paid upon building and contents, unknown, damage upon buildings and contents, \$700.00; cause, unknown.

Feb. 24, box 45; house on Gooch street, owned and occupied by W. H. Mitchell; value of building and contents \$12,000; insurance upon building and contents \$8,000; insurance paid upon building and contents, \$7,700; damage, \$8,882.71; cause, defective flue.

Feb. 25; box 29; re-kindling of previous fire.

Feb. 25, box 54; house on Belmont street, owned by F. W. Hunt; occupied by Mrs. Crosby; value of building and contents, \$1,700; insurance upon building and contents, \$1,000; insurance paid on building and contents, \$28; damage, \$50; cause, thawing water pipes.

March 8, box 42; house on Folsom avenue, owned and occupied by Patrick Hallihan; value of building and contents, \$1,900; insurance upon building and contents, \$1,600; insurance paid upon building and contents, \$622.50; damage upon building and contents, \$625; cause, overheated stove.

March 11, box 48; house on Tremont street, owned and occupied by Henry Simmons; value of building and contents, \$1,900; insurance upon building and contents, \$1,300; insurance paid upon building and contents, \$41.50; damage, \$41.50; cause, caught on roof from brush fire.

March 14, box 57; house on Walton park, owned by C. W. Cook; value of building, \$4,000; insurance upon building, \$2,000; damage, none; cause, burning rubbish in fireplace.

March 27, box 45; house on Porter street; owned and occupied by E. H. Moore; value of buildings and contents, \$27,000; insurance upon buildings and contents, \$19,900; insurance paid upon buildings and contents, \$18,900; damage upon buildings and contents, \$22,200; cause, electric wires.

April 3, box 41; house on Main street; owned by Chas. Larrabee; occupied; damage, none; cause, drying wood in stove.

April 16, box 43; building on Main street; owned by J. J. McCullough; occupied by J. J. McCullough and G. Fish; value of building and contents, \$9,700; damage to building and contents, \$1,425; insurance upon building and contents, \$8,500; insurance paid upon building and contents, \$1,061; caused by pipe smoking.

April 16, box 42; house on First street; owned and occupied by F. A. Ryder; no loss.

April 26, box 49; brush fire on West Emerson street.

May 8, box 51; house and barn on Frost avenue; owned and occupied by Charles Hanson; value of buildings and contents, \$3,000; damage upon buildings and contents, \$1,900; insurance upon buildings and contents, \$2,500; insurance paid upon buildings and contents, \$1,900; caught from burning brush.

May 8, box 51; brush fire on Howard street.

May 14, box 57; house on Walton park; owned and occupied by J. Duff.

May 16, box 43; house on Vine street; owned by C. M. Oliver; occupied by J. W. Sanderson; value of building and contents, \$3,500; damage upon building and contents, \$856.50; insurance upon building and contents, \$3,000; insurance paid upon building and contents, \$856; cause, unknown.

May 16, house owned and occupied by N. Dyer ; value of building, \$3,500 ; damage upon building, \$165 ; insurance upon building, \$2,600 ; insurance paid upon building, \$165 ; caught from Oliver house adjoining.

June 8, box 32 ; false alarm ; caused by interfering with wires.

July 1, box 38 ; house on Tappan street, owned by J. A. Phillips, occupied by M. J. Coyne ; value of building and contents, \$1,800 ; damage on building and contents, \$50 ; insurance on building and contents, \$1,500 ; cause unknown.

July 4, box 54 ; building on Franklin street, occupied by G. W. Wyman ; cause, fire crackers ; damage, none.

July 5, box 43 ; house on Main street, owned by Geo. Fuller ; cause, spark on roof ; damage none.

July 13, box 28 ; brush fire off Spear street.

July 28, box 61 ; house on Linden street, owned and occupied by Thomas Maroney ; value of building and contents, \$1,400 ; damage upon building and contents, \$40 ; Insurance upon building and contents, \$1,000 ; insurance paid upon building and contents, \$40 ; cause, children playing with matches.

Aug. 1, box 48 ; house on Emerson street, owned and occupied by Lewis Fernald ; value of buildings and contents, \$6,000 ; damage to buildings and contents, \$306.28 ; insurance upon buildings and contents, \$5,000 ; insurance paid upon buildings and contents, \$306.28 ; cause, kerosene stove explosion.

Aug. 4, box 46 ; false alarm.

Sept. 15, call for assistance from Stoneham ; caused by a fire at the Langwood.

Oct. 6, box 42 ; buildings on Hunnewell street ; owned and occupied by Fred Hyatt ; value of buildings and contents, \$1,500 ; damage upon buildings and contents, \$25 ;

insurance upon buildings and contents, \$1,000; insurance paid upon buildings and contents, \$25; overheated stove.

Nov. 6, box 46; false alarm; caused by burning tar barrels.

Nov. 30, box 37; house on Herbert street; owned by E.F. Knight; occupied by John Gately; value of building and contents, \$1,800; damage to building and contents, \$150; insurance upon building and contents, \$1,200; insurance paid upon building and contents, \$150; cause, thawing water pipe.

Dec. 4, box 51; building corner Main and Franklin streets; value of building and contents, \$5,000; damage upon building and contents, \$45; insurance upon building and contents, \$4,000; insurance paid upon building and contents, \$45; cause, boiling tar on roof.

Dec. 4, box 32; house on Grove street; owned and occupied by F. A. Coburn; value of building and contents, \$4,000; damage to building and contents, \$918; insurance on building and contents, \$3,000; insurance paid on building and contents, \$918; cause, defective flue.

Dec. 8, box 48; building on Emerson street; owned by Jonathan Barrett; occupied by T. E. Jeffrey; value of building and contents, \$8,000; damage to building and contents, \$50; insurance on building and contents, \$7,000; insurance paid on building and contents, \$50.00; cause, gas explosion.

OFFICERS AND MEMBERS.

ENGINEERS.

A. Wilbur Lynde, Chief.

Albon W. Parker, 1st Asst.

Samuel Lear, Clerk.

STEAMER CO. NO. 1.

Captain, J. M. Holbrook.

Lieutenant, J. W. Emerson.

Clerk, W. C. Sargent.

Hosemen.

T. B. Smith,

G. E. Burnham.

T. J. Hawkes.

C. F. Woodward.

T. B. Stantial.

D. H. Woodward.

A. L. Upham.

C. N. Shute.

Engineman, J. H. Edwards. Stoker, C. F. Edwards.

Drivers.

Stephen Bartlett.

D. T. Stockwell.

HOSE CO. NO. 2.

Captain, J. R. Gibbons.

Lieutenant, R. Gibbons, Jr.,

Clerk, H. W. Simpson.

Stewart, R. Gibbons, Jr.,

Hosemen.

W. F. Phipps.

C. B. Thompson.

P. Buchanan.

J. R. Hamlin.

W. M. Cotting.

C. F. Doherty.

HOSE CO. NO. 3.

Captain, Albert Walton.

Lieutenant, Theron Porter.

Clerk, Albert E. Day.

Stewart, Leverett D. Newhall.

Hosemen.

Arthur Storey.

John C. Black.

Huestis E. Adams.

Joseph Hebblethwaite.

Frank E. Morton.

HOSE CO. NO. 4.

Captain, A. J. Burnett.
Clerk, E. M. Russell.

Lieutenant, E. McKinnon,
Steward, C. J. Critchett.

Hosemen.

Dennis Carlin.
Frank Johnson.
Fred Churchill.

Geo. Russell.
Wm. Carney.

HOOK AND LADDER CO. NO. I.

Captain, Joseph Edwards.
Clerk, D. W. Wiswell.

Lieutenant, D. O. Parker.
Steward, W. A. Lynde.

Laddermen,

C. S. Gordon.
W. H. Stewart.
T. B. Johnson.
J. Tyzzer.
F. H. Tyzzer.

W. C. Johnson.
R. Whidden.
Harry S. Robertson.
Daniel Gibson.
Thomas Kelly.

Labor performed on the Highway by the Fire Department.

Labor performed by the Fire Department horses and drivers :

111 days sprinkling streets, two horses and man.

10 days sprinkling streets, one horse and man.

19 days ploughing sidewalks and gutters, one horse and man.

5 days ploughing gutters, two horses and two men.

APPROPRIATIONS.

We would recommend the appropriation of eight thousand (\$8,000) dollars for the ensuing year.

A. W. LYNDE,
ALBON W. PARKER,
SAMUEL LEAR,

Board of Engineers.

REPORT

OF THE

BOARD OF HEALTH

FOR THE

YEAR ENDING DECEMBER 31, 1894.

MELROSE:

DUNTON & POTTER, PRINTERS, REPORTER OFFICE,

1895.

REPORT OF THE BOARD OF HEALTH.

The fifth annual report of the board of health is herewith presented to the citizens of Melrose. The membership of the board was changed at the beginning of the year: Dr. Dike having resigned, Dr. E. L. Warren was chosen at the town meeting, to fill his place. At the first regular meeting of the board Dr. Sanborn was chosen chairman and Dr. Warren secretary.

There has been no lack of calls to active sanitary duty during the year past. The steady and rapid increase in our population and in the number of dwelling houses erected in town, involves a corresponding increase in the range and the frequency of the summons for our attention. The correction of evils arising from overflowing cesspools and defective drains, constitutes, as heretofore, quite the larger part of our labors. These evil conditions are, like the poor, always with us, and seem, apparently, about as easily eliminated. In regard to this constant and annoying danger, the price of sanitary purity is, like that of liberty, eternal vigilance.

The prevalence of contagious diseases has, as usual, been a constant source of care and anxiety. If an ideal quarantine could be maintained in every infected house, with the cordial co-operation of the family concerned, the danger of spreading the disease would be far less, and the safety of the community far greater. But, strangely enough, some of the families involved have seemed quite indifferent as to the spread of the disease, and it has at times been very

difficult for the board to compel compliance with the laws. One form of violation of the law has been the concealment of contagious diseases, when the mildness of the case, or other conditions have made concealment possible. This dangerous procedure seemed so serious, that the board printed and circulated throughout the town the following notice.

IMPORTANT NOTICE.

It has become known to the board of health that in some families where contagious diseases have occurred, the householder, not employing a physician, has been guilty of the criminal offence of neglecting to notify the board of the occurrence of these diseases. Therefore the following extract from the Statutes is published for the information of all.

PUB. STAT. 80, Sect. 78. "When a householder knows that a person within his family or house is sick of small pox, diphtheria, scarlet fever or any other contagious disease dangerous to the public health, he shall immediately give notice thereof to the board of health of the city or town in which he dwells. . . . Any person neglecting or refusing to comply with the above provisions, shall be punished by a fine not exceeding one hundred dollars."

By order of the

BOARD OF HEALTH.

Melrose, Mass., March 20, 1894.

Another important element in the spread of contagious disease is, in case of an infected household, the frequent and exasperating indifference with which the residents of

the house mingle with the neighbors and the community. Cases came under our observation where members of a sick family would stroll leisurely from the sick room directly to the stores, mingling with the people there and along the streets. So serious and notorious had become this wanton neglect in so important a matter, that the board had a large number of circulars printed, of which the following is a copy, one or more of which was taken to every infected house, by the officer who posted the card.

OFFICE OF THE BOARD OF HEALTH,
MELROSE, May, 1894.

To The Householder :

During the present sickness in your house your children are not allowed to attend school till a certificate is given by your physician. Children and other members of the family are not to mingle with other persons, unless *absolutely* necessary, and then only under precautions given by your physician. No visitors must be allowed, and every care must be used not to spread the disease. Any violation of these rules involves a severe penalty.

At the close of this sickness, the law requires that the infected rooms and objects be thoroughly fumigated. This will be done at the proper time under the control of the board of health.

By order of the

BOARD OF HEALTH.

The amount of sickness from contagious diseases during the past year, 121, was notably less than during the previous year, 205. The contagious diseases reported during the year were as follows :

	Scarlet.	Diph.	Measels.	Typhoid.	Total.
January,.....	2.....	5.....	2.....		9
February,.....	4.....		1.....		5
March,.....	11.....	1.....	1.....	(1 Varioloid)	14
April,.....	5.....	1.....	4.....		10
May,.....	1.....	8.....	17.....	3.....	29
June.....	4.....	7.....	6.....	2.....	19
July,.....		7.....		1.....	8
August,.....		1.....	1.....	6.....	8
September,.....	1.....	1.....		6.....	8
October,.....	1.....			3.....	4
November,.....	2.....		1.....	1.....	4
December,.....	1.....			1.....	2
Total,.....	32	31	33	23	121

The new law regarding plumbing has added largely to the labors of the chairman of the board, but has almost extinguished the hazard of incompetent and dangerous plumbing, and now gives the guarantee of intelligent authority that the plumbing done is well done, and in accord with sanitary conditions. The requirements of the new law were put into effect September 1st. The board has with some difficulty succeeded in retaining for another year the valuable services of Mr. Edmund L. Grundy in the important office of inspector of plumbing.

In response to the call, all the plumbers in town, both master and journeymen, appeared before the board and took the required licenses, either by registration or examination. By this law every plumber, before he can begin a job, must

obtain a permit of the board of health, and when the job is sufficiently advanced he notifies the inspector, who thoroughly water-tests it, and when the work is completed examines it again; every job being thus examined twice, before it is approved in writing by the inspector. If the work falls in any respect short of the requirements of our Rules and Regulations, the inspector requires that it be made thoroughly correct and safe, before he approves it. The present number of master plumbers is nine and of journeymen twenty-one.

Number of permits granted to do plumbing, 75.

Number of jobs tested and finished, 37.

Number of jobs tested but not yet finished, 18.

Number of jobs not as yet tested, 20.

Number of visits made by inspector, 104.

Our plumbers have, as a body, responded promptly, and very creditably, to the requirements of the new law, which thus gives gratifying assurances of a new era of sanitary security.

Mr. J. O. Elms, the former contractor for the removal of swill and garbage, having died last year, a short time before the close of his yearly contract, it became necessary to employ a new collector. In response to the call for bids, a new contract was made on the first day of July with Mr. Thos. R. Higgins, who has been long familiar with the business here, and is doing the work in a very satisfactory manner.

The progress of the great sewer has been watched with deep interest by our citizens, as it offers much needed relief to the crowded central district of the town. As the prospect is that the portion completed will probably be ready for use this spring, it would seem that some official action is desirable regarding the obligation of abutters to connect with it.

The table of mortality for the past year is as follows :

Phthisis,	20	Cystitis,	1
Chronic diarrhœa,	1	Cholera morbus,	1
Senile gangrene,	1	Bright's disease,	3
Paralysis,	6	Infantile paralysis,	1
Diseases of heart,	26	Dysentery,	1
Still born,	13	Hydrocephalus,	1
Nervous prostration,	4	Convulsions,	4
Apoplexy,	1	Shock,	2
Cancer,	9	Purpura hemorrhagica,	1
Meningitis,	10	Ulcerative endocarditis,	1
Old age,	8	Bronchitis,	6
Spinal disease,	1	Pneumonia,	10
Asphyxia,	1	Tubercular laryngitis,	1
Typhoid fever,	5	Malaria,	1
Diphtheria,	10	Malignant dis. of throat,	1
Senile debility,	2	General debility,	1
Stoppage of bowels,	3	Hooping cough,	2
Marasmus,	4	Pluero pneumonia,	1
Injury,	1	Lead colic,	1
Pleurisy,	1	Catarrhal meningitis,	1
Natural causes,	2	Enteritis,	1
Unknown cause,	2	Acute hepatitis,	1
Cholera infantum,	6	Railroad accident,	1
Scarlet fever,	1	Membranous croup,	1
Septic peritonitis,	1	Mastoid abscess,	1
Disease of kidney,	1	Asthma,	1
Peritonitis,	1		
Burns,	2	Total,	190

This amount is somewhat larger than our past average, but not more than is fairly due to our larger population, which increases at the rate of about 1,000 a year.

Diphtheria continues to be a destructive disease with us. During the last five years the number of reported cases has been 133, with 24 deaths. It is a matter of devout gratitude

that we have good reason to expect from the new remedy, anti-toxine, better results than have ever yet been obtained, happily serving as a preventive, as well as a cure.

Respectfully submitted,

JOHN E. SANBORN, M. D.

FRANK L. WASHBURN.

EPHRAIM L. WARREN, M. D.

REPORT OF OVERSEERS OF POOR.

In disbursing aid during the past year, we have followed the same method as in previous years, and which is in use in most places in the Commonwealth, where, like Melrose, they have no almshouse ; one of which is a city of over fifty thousand inhabitants, who claim that they find an economy under this system which has always determined their course of action against the erection and support of an institution of their own.

Our method is to give orders on trusted grocers and provision dealers, for one, two, or three dollars a week, to families, as they may require. Each order is restricted to seventeen staples, of good quality, from which they may suit themselves in their selections to the amount of the order. The overseers reserve the right to prohibit extravagance in any one direction when making their purchases from the list of goods. We deviate from this list, only in cases of sickness, or in the feebleness of declining age.

We aim to render assistance in such a way that the applicants may not lose their self reliance, or hope of being self-supporting, when by a little aid they may be placed in a position to help themselves. To this end we have sometimes suggested to the Associated Charities, the wisdom of their assisting those who manifest such a desire, in order to save them from coming to the town for aid. The Associated Charities has provided for several of our applicants, whose need promised to be but temporary, and in their parts of the town their agents have relieved from private sources,

those who came to us for the first time. A number of our beneficiaries are residing in other towns and cities, and were relieved by the overseers of poor of their place of residence, the aid rendered being refunded by us.

A large number of those we have aided have their settlements in other cities and towns for which we are to be reimbursed. Families are sometimes forced upon us by the intemperate habits of the parents, when the father, being imprisoned for drunkenness, battery, or non-support of his family, we are compelled to aid his helpless children while he is held for his crimes. We have one family of this class, at the present writing of this report.

While we desire to respond to the calls of humanity upon us, we confess to not a little relief from our perplexity in *such* cases, when we are compelled to do it by law. We visit our beneficiaries in other cities and towns, from time to time, that we may know their condition and needs, and when necessary, advise as to the best means of relieving them.

No exact estimate can be made of the amount required to defray the expenditures of this department, which depends entirely on the condition of the people. For instance, the past year the number of applicants is thirty-four in excess of the previous year.

Two hundred and eleven persons have been more or less aided within the year. This includes the children of forty-eight families, also thirty single persons. Fifty-six persons have been on the full support list at some time within the year. Of the whole number, sixty-three persons have their settlements in other towns and cities, or who belong to the state poor department. There are fifteen acknowledged cases of the insane at the state hospitals, at an expense of \$3.25 per week. It is with regret that we have to report a

steady increase of these unfortunates. All applications for assistance have been carefully investigated at the homes of the applicant.

For the receipts and expenditures, your attention is called to the columns assigned by the auditor for his report of this department.

H. G. FIELDS,

T. W. RIPLEY,

M. D. BALE,

Overseers of the Poor.

REPORT OF CHIEF OF POLICE.

MELROSE, Dec. 31, 1894.

To the Honorable Board of Selectmen :

GENTLEMEN:—I have the honor to submit my annual report for the year ending December 31st, 1894.

During the past year the following amounts have been collected for fines, and after deducting expenses of court, turned over to the town treasurer.

From the First District Court,	\$424 00
“ House of Correction,	80 00
	\$504 00

*Causes for arrest and cases brought before the Court,
for the year 1894.*

Assault,	13
Adultery,	1
Attempt to break and enter,	1
Breaking and entering,	2
Bastardy,	3
Cruelty to animals,	1
Carrying concealed weapons,	1
Drunkenness,	99
Disturbing the peace,	4
Dog licenses (not paid),	8
Default warrants,	2
Evading car fare,	1
Fornication,	1
Interfering with an officer,	1
Keeping and exposing,	2
Larceny,	11
Lewd and lascivious conduct,	2

Malicious mischief,	2
Obtaining money under false pretences,	1
Riding on sidewalk,	5
Search warrants,	13
Truancy,	2
Threats,	2
Vagrants,	3
Arrested for out of town officers,	4
Cases investigated,	89
Board of health notices posted,	118
Disturbances suppressed,	28
Doors found unlocked,	28
Dogs killed,	11
Defects in sidewalks reported,	9
Defects in streets reported,	34
Arc lights reported out,	16
Incandescent lights reported out,	244
Fire alarms given,	4
Fires extinguished without an alarm,	3
Leaks in water pipes reported	44
Lanterns hung in dangerous places,	45
Lost children taken home,	11
Stray teams put up,	8
Truants put into school,	13
Notices delivered,	75
Insane committed,	4
Wires reported down,	11
Persons assisted home,	2
Lodgers accommodated,	1,601

The department consists of the same number of officers as last year and no complaint having been received from our citizens as to any lack of proper police protection, I do not deem it necessary to advise a further increase in the force for

the ensuing year. The appropriation together with receipts from other sources have been sufficient to maintain the department, and enable us to add thereto one horse and pung, together with other necessary permanent furnishings. I desire at this time to call your attention to the necessity of having a patrol wagon such as can be used either for the conveyance of prisoners, or as an ambulance for the use of the sick and injured. This in connection with our hospital service seems to be demanded. Such a combination wagon can be purchased for three hundred dollars, and its immediate need is made obvious from the fact that during the past season we have responded to some fifty calls in this direction, largely in the night time, and from officers and citizens in the more remote sections of the town. Considering the large number of men employed upon our sewers, and the fact we have furnished lodgings for more than sixteen hundred strangers during the past year, we have had but very few additional disturbances to suppress beyond that of former years. We have also been very free from attempts at breaking and entering during the night time. In two instances, parties were captured in the act, attesting the fact that our officers are vigilant and attending to their duties. A detailed statement of the work done by the department accompanies this report. This gives however but little insight into the real amount of work required and accomplished by the department in maintaining the good record Melrose has as an orderly and desirable residential town. To you honorable board, and to the honorable justices and officers of the First District Court, and the officers of the department, my thanks are extended for courtesies received and assistance rendered.

Respectfully submitted,

FRANK M. McLAUGHLIN,

Chief.

Report of Superintendent of Streets.

To the Honorable Board of Selectmen:

GENTLEMEN:—In answer to your request I respectfully submit the following report of the distribution of expense for the year ending December 31, 1894.

LABOR.

Accounted for by Highway Pay Rolls.

Beech avenue,	\$175 00
Beverly street,	50 00
Breaking stone at crusher,	1,000 00
Ell pond brook,	100 00
Emerson street, east,	75 00
First street,	50 00
Foster street, east,	400 00
General repairs,	2,028 70
Greenwood street,	50 00
Grove street,	275 00
Hillside avenue,	47 00
Larrabee street,	250 00
Lebanon street,	534 87
Linwood avenue,	250 00
Main street,	100 00
Melrose street,	50 00
Orient avenue,	125 00
Perkins street,	75 00
Pleasant street,	400 00
Porter street,	49 00
<i>Amount carried forward,</i>	<u>\$6,084 57</u>

<i>Amount brought forward,</i>	.	.	.	.	.	.	\$6,084 57
Prospect street,	.	.	.	.	.	.	550 00
Sanford street,	.	.	.	.	.	.	25 00
Sargent street,	.	.	.	.	.	.	200 00
Removing snow,	.	.	.	.	.	.	515 70
Walton park,	.	.	.	.	.	.	350 00
Washington street,	.	.	.	.	.	.	675 00
Whittier street,	.	.	.	.	.	.	25 00
Wyoming avenue,	.	.	.	.	.	.	150 00
Total amount of pay rolls,	.	.	.	.	.	.	\$8,575 27

Concrete Crossings.

Foster st. at Sixth and Larrabee,	49.8 sq. yds. at 50c.	\$24 90
Green st. at Linden,	19. " "	9 50
Green st. at Rowe,	20.94 " "	10 47
Grove st. at Larrabee,	21.3 " "	10 66
Vinton st. at North High,	20.33 " "	10 16
Howard st.,	50.5 " "	25 25
Franklin st., at Chipman ave.	36. " "	18 00
Gooch st. at Foster,	23.1 " "	11 55
	<u>240.97</u>	<u>\$120 49</u>

Concrete Gutters.

Grove st. at Gooch,	24.4 sq. yds. at 50c.	\$12 20
Green st. at Rowe,	3. " "	1 50
Melrose and Ashland sts.,	83.5 " "	41 75
Upham st.,	24.9 " "	12 45
Belmont st.,	106.48 " "	53 24
Walton park,	19.98 " "	9 99
Otis st.,	15.2 " "	7 60
Wyoming ave. at Summer st.	40.4 " "	20 20
Main and Lebanon sts.	18.4 " "	9 20
	<u>336.26</u>	<u>\$168 13</u>

Summary of Bills Paid.

Blacksmithing, etc.,	\$278 40
Coal and wood for crusher and roller,	309 42
Catch basin covers,	120 00
Crusher, repairs and supplies,	143 17
Drain pipe,	309 97
Dynomite, etc.,	77 10
Gravel,	391 60
Lumber,	190 85
Miscellaneous,	444 57
Roller, repairs and supplies,	65 41
Removing snow,	261 85
Superintendence,	916 67
Tools,	248 69
Watering streets,	150 00
Total,	\$3,907 70

Recapitulation.

Total amount of pay rolls,	\$8,575 27
“ “ for concrete crossings,	120 40
“ “ for concrete gutters,	168 13
“ “ of bills paid,	3,907 70
	\$12,771 59
Amount of highway appropriation and balance,	\$12,269 98
Amount of highway receipts,	512 25
	\$12,782 23
Total amount paid out,	12,771 59
Balance,	\$10 64

NOTE.—A detailed statement of these bills can be seen in the Auditor's report.

Drainage.

Beech ave., 500 ft. 12 in. pipe, 150 ft. 10 in. pipe, 2 catch basins.

Pleasant street, 30 ft. 10 in. pipe, 2 catch basins.

Porter street, 300 ft. 8 in. pipe, 2 catch basins.

Prospect street, 35 ft. 8 in. pipe, 1 catch basin.

Grove street, 75 ft. 6 in. pipe, 2 catch basins.

Sanford and Whittier streets, 200 ft. 8 in. pipe, 3 catch basins.

Sargent street, 950 ft. 12 in. pipe, 2 catch basins.

Tappan street, 1 catch basin.

Washington street, 30 ft. 10 in. pipe.

Walton park, 36 ft. 8 in. pipe.

Bridges.

The bridge over Spot pond brook at Pleasant and Whittier streets has been recovered.

Snow.

The amount expended for plowing sidewalks, removing deep snow and sanding sidewalks, was as follows :

Labor, per pay roll,	.	.	.	.	.	.	.	\$515 70
Labor done by outside parties,	.	.	.	.	.	.	.	261 85
Total,	.	.	.	.	.	.	.	\$777 55

Special Appropriations.

See auditor's report in regard to Perkins street, Main street widening, and concrete sidewalks.

W. B. ELLIS,

Superintendent of Streets.

ANNUAL REPORT
OF THE
SCHOOL COMMITTEE
AND THE
SUPERINTENDENT OF SCHOOLS,
OF THE
TOWN OF MELROSE,
FOR THE
YEAR ENDING DECEMBER 31, 1894.

MELROSE:
DUNTON & POTTER, PRINTERS, REPORTER OFFICE.
1895.

SCHOOL COMMITTEE.

JOHN O. NORRIS, Chairman,	.	.	Term expires	1896
MRS. GEORGE H. DEARBORN,	.	.	" "	1896
MRS. GEORGE F. MACDONALD,	.	.	" "	1895
MR. WM. D. STEWART.	.	.	" "	1895
MRS. WM. H. FLANDERS,	.	.	" "	1897
DR. JOHN DIKE,	.	.	" "	1897

*Superintendent of Schools and Secretary
of Committee.*

B. F. ROBINSON.

SUB-COMMITTEES.

On Accounts.

MR. STEWART.
MR. NORRIS,
MRS. DEARBORN.

Highlands.

MRS. MACDONALD.
MR. STEWART.
MRS. FLANDERS.

On High School.

MR. NORRIS.
MRS. DEARBORN.
MRS. MACDONALD.
MR. STEWART,
MRS. FLANDERS.
DR. DIKE.

Centre.

DR. DIKE.
MRS. FLANDERS.
MRS. MACDONALD.

Wyoming.

MRS. DEARBORN.
DR. DIKE.
MR. NORRIS.

On Text Books and Course of Study.

MR. NORRIS. MRS. MACDONALD. DR. DIKE.

SUPERINTENDENT'S REPORT.

To the School Committee of Melrose :

LADIES AND GENTLEMEN:—The following is respectfully submitted as the fifth annual report of the superintendent of schools,

SCHOOL ATTENDANCE.

A reference to the tabular statement which appears on the last page of this report will show that the population of Melrose is steadily increasing, for the school population is as good an indicator as can be had. The number attending our schools since the year opened in September last, to the end of the year was 2086, against 1936, last year.

This increase has been largely in the lower grades, as the numbers in the high school, and the higher grades of the grammar schools, are about the same as one year ago.

TEACHERS.

Several changes have been found necessary during the year. The seventh and eighth grades at the Highlands, which, until the end of the June term, were both in charge of Miss Mendum, have been separated and each has a teacher by itself. Miss Mendum remains at the head of the Warren street school as teacher of the eighth grade, and Miss Mitchell, who formerly taught the sixth grade, was advanced to the seventh grade. This change was necessary

on account of the increase of pupils in these grades, it being impossible for one teacher to longer do the work of both grades satisfactorily. During the year Miss Mitchell was absent from her school for several months, leave of absence being granted by the committee, and her place was temporarily filled by Miss Sara G. Smith. The fifth grade was moved from the Franklin building to the Warren street school the last part of last year, and remained in charge of Miss Guptill until the end of the June term when Miss Guptill was placed in charge of the sixth grade, and Miss Harriet H. Dowe was elected teacher of the fifth grade.

The separation of the seventh and eighth grades at the Warren street building made it necessary to move the school made up of the first, second and third grades from this building to the old West school house, and Miss Plummer, who had taught the school for several years, having resigned, Miss Ruth Knowles was elected to fill the vacancy. The moving of Miss Guptill's school from the Franklin street school made it necessary to elect a new principal of that building, and Miss Davies, teacher of the fourth grade, was accordingly placed in charge. The first and second grades at the Franklin street building under Miss Field was so crowded at the opening of the September term that it was necessary to employ another teacher, or to divide the second grade and transfer a part of them to Miss Tupper's room, and as a matter of economy the latter course was pursued, but it is probable that another school will have to be established in March, when new pupils are allowed to enter. Miss Mary I. Coggeshall was transferred from the Centre school to Upham hill, and placed in charge of the building as teacher of the sixth and seventh grades.

For several months during the spring the number of scholars in Miss Coyle's room was so large that she found it impossible to take care of them properly, and Miss Loring

was chosen as her assistant and remained with her until the close of the school year.

It being uncertain whether the services of an assistant would be needed for the September term she was not re-elected in June.

Early in October, it became necessary to again employ an assistant to Miss Coyle, and Miss Loring having secured a position elsewhere, Miss Grace Rhodes was elected to the position.

Miss Gertrude Stewart was elected to the second grade at the Centre school, made vacant by the transfer of Miss Coggeshall.

Miss Annie G. Smith was placed in charge of the seventh grade established at the D. W. Gooch school at the opening of the year in September, and Miss Alice Long and Miss Call were advanced from the fifth and fourth grades, to the sixth and fifth grades respectively.

To fill Miss Call's place in the fourth grade, Mrs. Mary R. Clark, a teacher of experience in Greenfield, Mass., was chosen. Miss Arline Merrill was elected to one of the first grade schools in this building, in place of Miss Taylor, who went elsewhere.

Miss Rosamond Heath resigned as teacher of the Lynde street, first grade, and Miss Clara D. Bishop was elected to that position.

This constitutes the changes and transfers made during the year in the lower grades, and it is hoped that fewer changes will be necessary during the current year.

Miss Clarimond Mansfield resigned her position as teacher of German and Greek in the high school, in June, after ten years of faithful service, which made it necessary to select her successor, and after much looking about the committee chose Miss Clara B. Mowry to succeed her. An additional teacher was considered a necessity, and it was finally de-

cided to elect one, Mr. Howard D. Barrows being the choice of the committee.

Both of these teachers are doing excellent work in their special departments, Mr. Barrows having the Greek and Miss Mowry the German, both also assisting in such other work as is assigned them. A different atmosphere seems to pervade the high school, and more honest hard work is being done therein than has been for some time previously. This change is, I believe, attributable to several causes. In the first place, there were in the school a year ago, some disturbing elements that have since been removed, so that at present most of the scholars attending the school are there for work, and are trying to do it well. Again some of the teachers had felt that they were not heartily seconded in their efforts to bring the scholarship of the school up to a high standard, but the action of the committee and parents sustaining their judgment at the beginning of the present year, as to what scholars should be promoted, gave them new courage, and they each and every one entered into their work with renewed vigor.

The addition of another teacher to the corps of instructors has made it possible for Mr. Whitman, the principal, to devote some of his time to a general supervision of the work of the school in all its departments, and this has had a wholesome effect.

I think it but just to the scholars and teachers to say that there is a very noticeable improvement in the work being done, which cannot fail to be apparent to all who visit the school.

SCHOOL HOUSES.

Right here let me say, that two large Andrews globes were presented to the D.W. Gooch school early last year by

Mrs. D. W. Gooch, receipt of which was acknowledged by the school committee. They are very handsome and valuable pieces of school apparatus, which both the pupils and teacher appreciate highly, and they cannot fail to be of great value to the pupils in their work.

At the time of making the last annual report there was one vacant room in the D. W. Gooch school and one in the Warren street building. These have both been filled and a school of nearly fifty scholars transferred to the old, once abandoned West school, near the Highlands station. This leaves no vacant rooms in either of these buildings, and the only vacant room in any of the large buildings in town is one at the Franklin street school, which is temporarily vacant, but which will probably have to be used after the March term begins.

The lower grades at Upham Hill are very much crowded; the first grade in charge of Miss Coyle having seventy scholars therein, while the second and third grades of Miss Lawrence opened the year with sixty, and in the two next higher grades under Miss Chadbourne there are forty-eight pupils. All of the rooms at the Grove street school are full and an over-flow school, first grade, has been established in the old Lynde street building. Some additional accommodations for scholars in the south-eastern part of the town, between Upham Hill and Grove street, seems an absolute necessity this season, and we would recommend the construction of a four-room building there.

SWAIN'S POND.

At the Ripley school very little change has taken place in conditions during the year except that there are fifty per cent. more pupils than one year ago, and there are, besides, thirty scholars attending the schools in Malden, for whom the sum of (\$750) seven hundred and fifty dollars is paid in tuition.

HIGH SCHOOL.

As to the condition of things at the high school, little more can be said than was said in our last report. The number of scholars is nearly the same as at that time, and existing conditions about the same, except that with an additional teacher more recitation rooms are necessary, and in this respect the school has been lacking for a long time.

The first and second classes sit in Mr. Whitman's room, the large room in the third story, and there is plenty of room for them as there are but sixty-nine pupils in these classes at present. The third class numbers seventy-seven and is crowded into one half of the second story, where Miss Ballou's room is located, the other half being occupied by the physical and chemical laboratories.

In Miss Fairbanks' room, which is located in the east end of the first story, the fourth class sits and the floor space is pretty well covered, as there are eighty-five in the class at the present time. The other half of the floor is used for a recitation room. On Monday and Wednesday of each week Mr. Carter teaches drawing in the school during the entire session, and this lower room in the west end of the building is used for his classes, making it necessary for the eight teachers in the school to accommodate themselves and hear their classes as best they can in the three sitting rooms, the laboratory and two small recitation rooms, and a small room originally intended for a coat room for the teachers. The result is that two recitations have to be conducted at the same time in the upper room, making it very difficult for the scholars to give their undivided attention to their work, however well disposed they may be, and requiring extra exertion and tact on the part of the teachers in conducting their recitations.

The two small recitation rooms are very much crowded,

in fact overcrowded, so that when mathematical recitations are conducted therein requiring blackboard, the scholars have not sufficient room to work properly. The laboratory is altogether too small for laboratory work proper, and Mr. Small finds it almost impossible to arrange his classes, so few can be accommodated at one time, yet in addition to the laboratory work done therein it is used regularly for a recitation room.

Three days in the week the large room on the first floor is not used for drawing purposes, and is devoted to recitation work, but during the other two days the classes which regularly recite here, are sandwiched in wherever it is possible to find room for them.

The side room that it is found necessary to use for a recitation room, is about ten feet square, and yet into this space are crowded from five to twenty pupils, and there they sit during a recitation period with only such ventilation as is afforded by the doors and windows, which is poor at best. If every parent and friend of the pupils in the high school could visit them and see how they are accommodated they would wonder that the results are as satisfactory as they are. The town of Melrose certainly needs a new high school building and needs it badly.

If it should prove to be the judgment of the voters of the town that it was a wise policy to build a new high school building at once, and one was built to accommodate five hundred or more pupils, there would be no immediate need of other buildings, as the extra space in such a building as well as the old high school building, could be occupied by some of the grammar grades and the schools in the Lynde street, Green street, and the old Franklin street buildings could be transferred to some of the rooms thus made vacant. Unless this is done, it would seem that something should be

done to obviate the necessity of keeping the schools in any one of these three buildings, as they have all been abandoned once and should never have been reoccupied for school purposes. The parents of the scholars who are obliged to attend these schools are beginning to protest, some of them quite vigorously, and we believe they are fully justified in making the protest, against maintaining the schools in these buildings ; but the school committee can do nothing else until additional accommodations are provided.

PHYSICAL TRAINING.

No greater truth or sounder doctrine was ever expressed than these words of Emerson contain :

“The first requisite to success in life, is to be a good animal.”

In many places measurements have been made of large numbers of children to determine the period of greatest growth and development, in both boys and girls, and as a result of the measurements in Boston, it has been shown that the period between 11 and 16 years with boys, and between 9 and 14 with girls, is the one in which they have the greatest power to resist death, and when there can be the greatest physical development and upbuilding, if they are properly trained.

This being the case, how necessary it is that the children in the common schools should have regular training under the guidance of a skilful teacher.

Your committee recommended to the town, at its last annual meeting, the employment of a teacher of physical training, but no special appropriation was made for that purpose although many citizens expressed themselves as in favor of such instruction.

During the last few months of the year just closed, the com-

mittee, thinking it saw its way clear to do so, engaged Miss Clara E. Sheppard, of Newton, to come here two days in each week to instruct the teachers and work in the schools. Miss Sheppard, who is a graduate of the Boston Normal School of Gymnastics, is doing her work in a most faithful and telling manner, going into each of the schools every two weeks, and into the high school twice each week, holding teachers' meetings once in two weeks, so that the regular teachers are being thoroughly drilled in the work.

A more detailed account of the work is given in her report which is printed elsewhere.

TRUANCY.

Early in the year I. C. Weeks and George E. Fuller were appointed truant officers, and Mr. Weeks has devoted considerable time to looking up absentees, and the effect of his work is noticeable in the improved attendance, although parents are inclined to keep scholars out for very slight reasons. The last session of the legislature amended the law regarding school attendance, as will be seen by a reference to it as it appears in the back part of this report, and several parties have already been notified that any further unexcused absences will lead to their prosecution. Mr. Weeks' report appears elsewhere.

In addition to his work as truant officer, Mr. Weeks is under contract with the school committee to devote a certain portion of his time each day to repairs and such carpenter work as needs to be done, and under this arrangement a large amount of alterations and repairs have been made at a very moderate cost, and there is no doubt but that this arrangement will result in saving a great many dollars for the town.

EPIDEMICS.

Our schools have been remarkably free from epidemics during the past year, and very few cases of scarlet fever, diphtheria or measles have been reported during the year.

NEW STUDIES.

During the past year some time has been given to Nature Study and Science Work in all of the grades even to the lowest. The object of introducing this work into the lower grades is so little understood, many intelligent parents being only too ready to echo the expression of one citizen who said that he preferred his child should "spend his time in learning how to make out a bill properly than in trying to find out how many legs a bug has got," that it may be well to preface our report of this work with a few explanatory words.

The great weak spot in the whole American school system has been in the teaching of our own language, and the average citizen who is called upon to express himself in a concise, clean cut manner, either orally or upon paper, makes a dismal failure, yet these same people can sit down with you and talk intelligently upon any subject with which they are familiar; now why is it thus?

A fellow superintendent relates his experience in the country one summer as follows: "A number of families were boarding with an old deacon, and in one of the families was a bright boy, who, being an exceptional child, was fond of writing, and he could write wonderful effusions upon almost any subject. The good deacon after listening to one of his tales of life in the west, his subject being 'My broncho and I,' was much affected, and being asked his opinion of the boy's work, said: 'I beg you will not encourage him to draw on his imagination so. *You will make that boy a liar!*'

Don't give him such a class of subjects, but let him go out into my potato patch and see what he can find there, and then come back and tell in plain words what he finds. It is a shame to let him run on so when the true and the beautiful are all around us, and there is so much in the world worth knowing.''' If the people of the present generation could have had a potato patch, or its equivalent, to study, and then been allowed to write about what they saw, instead of being called upon to libel Faith, Hope, Charity, and attempt to write several pages of matter upon some abstract subject, of which they knew nothing, we venture the assertion that they would not only be able to write better English themselves, but that they would enjoy the best writings of the best authors more than they do, and that there would be less demand for the trashy literature of the present day.

This nature study is no experiment with us, for the same course that we are now pursuing has been tried in other places, and has resulted in broadening and enriching the course of study, and in reaching those children who are so often called stupid because they cannot comprehend mathematics as well as the mathematical minds, and of stimulating and encouraging a moral growth that nothing else can do. The committee of ten, of whose work I presume all of our citizens have heard, in making their recommendations for a course of study for secondary schools, regarding the subject of nature study, says: "The primary object of nature study is not that the children may get a knowledge of plants and animals. The first purpose of the work is to interest them in nature. This must be done before other desirable results can be obtained. The second purpose is to train and develop the children; i.e., to train them to observe, compare and express, (see, reason and tell); to cause them to form the habit of investigating carefully, and of making clear, truthful statements, and to develop in them a taste for

original investigation. The third purpose is the acquisition of knowledge. This, however, must be "gained by actual experience," and it must be knowledge classified or science. For the attainment of these objects, i. e., interest, power, knowledge, *the children must study the plant*; no book should be used by them. The effort of the teacher should be so to interest and guide them that they will learn how to work profitably."

Early this year Mr. Arthur C. Boyden of the Bridgewater Normal School, who has no superior in the United States in this line of work, was engaged to come here and instruct our teachers in this work. He has been here at intervals during the year and given evening talks to the teachers, in which he has definitely laid out the work in the several grades, and the teachers have thus been enabled to start the work, and we hope that the near future will demonstrate to all parents that this study has a place in the common school course.

MUSIC AND DRAWING.

Mr. Carter still remains in charge of the work in drawing and the exhibition of work done in the schools, which was given in the Town Hall last June, showed for itself, better than we can tell, what is being done in this branch.

In Mr. Carter's report of the work of the year which he has submitted to me, he says :

"Just what and how much drawing should be taught in the schools, is a question a great many authorities are trying to decide. We know that the type forms and their parts should be studied first. The sphere, cube, cylinder, ellipsoid and ovoid, with many others, are taken up in our course. From these almost all the fruits and leaves can be taken as applications of these forms, as for example :—from the sphere, the apple and orange ; from the ellipsoid and

ovoid, the potato and pear. The leaves, like the elm, based on the ellipse, the linden leaf on the oval, etc.

Drawing in connection with the nature study is a very necessary help, very often a child can express his idea better by drawing than he can in his own words. The drawing may be very crude, but give the child credit, for he has given you the picture as it appears to him, not in detail, but the general appearance as a whole. Drawing can also be made very helpful in connection with the other studies in both primary and grammar schools. The course in the grammar schools is almost the same as last year, with the exception of what is done in nature work. The exhibition given in the Town Hall last June, gave a good idea of what is being done in our schools to-day. In the high school, mechanical drawing is taken up the first two years; the last two years drawing is optional. We thought by making it optional it would reduce the time I have to spend in the school every week, but it hasn't as yet. Most of the boys in the two upper classes take the mechanical work with the lower class, in preference to the free-hand. The boys show so much interest in this mechanical work, that if manual training was introduced in the schools, they would be prepared to take up the work very readily. This work we hope to see in our schools some time in the near future.

In closing this report, I wish to thank the committee, superintendent and teachers, for their hearty support during the past year."

Mr. Drake still continues his work in music and is faithfully seconded by the regular teachers, so that the results obtained are good. Mr. Drake in his report says:

"In the schools of the town, almost without exception, certainly a greater interest is manifest in the pupils and teachers than any year past. In adopting the method of having

classes of boys by themselves, as has been done in many of the schools, the boys, who often hold back in such work, have proven themselves, at least, the equal of the girls in music. Music generally suffers in comparison with other work, on account of its always being *ensemble* work, and with the exception of the very few who possess no tone-perception at all, everyone sings, and there is no sifting of the wheat from the chaff. Even under these sometimes discouraging conditions the music in our schools attains a pleasing standard, and one of which we may be proud.

The many additional schools of the past year or two render my actual teaching time in each room somewhat less, and the additional studies for the regular teachers, likewise take away somewhat the time for music, but a proper presentation of the work will bring about required results even if time be somewhat limited. It is certainly not the amount of work, but the *kind* that brings about the best results.

While the ability to read at sight is the legitimate outcome of a proper presentation and study of the normal course system, yet there is much of equal, if not more, importance in our music study.

Too much stress cannot be laid upon the quality of the tone we wish from the child. Public school music is often condemned in this one point, yet with proper care and training this can be made one of the virtues rather than faults of the work. Rhythm, expression, phrasing and a general idea of the notation, with an ability to express music in that notation, all this can easily come under the head of our school work. This calls for more or less musical ability on the part of the regular teachers, and while thus far we have felt no great need of teachers' meetings for our music, the requirements are such that meetings may be not only profitable but necessary. For our high school I would suggest, that, instead of a text-book, which cannot but contain mu-

sis which fails to please and interest, some of the easier oratorios be introduced, if the material in the school warrants it. Certainly there are easy cantatas, both secular and sacred, which would interest more and be more profitable than most any text-book, and can be had for a small sum. If such works could be introduced year after year, we would soon have a musical library which would be a fund of interest and profit for time to come, all at not too great an expense. This year the scholars have purchased a work for themselves. Let us hope another year such may be purchased for them. In closing, I wish to thank committee, superintendent, teachers and also scholars, for their kindness and support during the past year."

PHYSIOLOGY AND HYGIENE.

Through the kindness of the Woman's Christian Temperance Union of this town, each of our teachers is this year provided with "The School Physiology Journal," which has been very helpful to them in giving the instruction that is required to be given in all the schools of the town by state law, and we believe that this is being better attended to and better done than ever before, as the teachers are anxious not only to comply with the law, but to make the work interesting and profitable to the scholars.

ANTI-TOBACCO LEAGUE.

There is probably no city or town in America where the Woman's Christian Temperance Union is more active and effective in its work than in Melrose, with Mrs. Mary A. Livermore as the leading spirit.

Feeling that the cigarette habit was getting too strong a hold upon the boys in our schools, the ladies of the Union started early in the year to organize the grammar school boys

into leagues, following substantially the same plan as was recommended in New York by school commissioner Hubbell, who, although a smoker himself, recognizing the fact that no young boy can habitually indulge in the use of tobacco without seriously affecting his physical, mental and moral growth, has headed a most successful movement against the use of cigarettes by the boys in their public schools.

While the movement is one entirely outside of school authority, it was so closely connected with the work of the teachers in their instruction regarding the use of stimulants and narcotics that all the teachers were most willing to second the efforts of the W. C. T. U., and the result is that a very large majority of the boys in all the schools below the high school, and in some schools all of them, have joined the league.

In order to further interest the boys, the ladies of the Union decided to give them the benefit of military drill, and the boys from the several schools were organized into companies and are now drilled every Saturday by Mr. P. J. Flanders of Wakefield.

Under Mr. Flanders' excellent guidance the boys have already become quite proficient in the elements of military tactics, and there is no doubt about the success of the movement; but still it will require constant care and watchfulness on the part of someone to keep up the interest now manifest, and it is hoped that all parents will heartily second the efforts of the ladies of the W. C. T. U. and co-operate with them in their good work.

THE MARKING SYSTEM.

During the year something of a change has been made in the style of report card sent home to parents, the per cent. system of marking giving way to the word system,

and the change is proving to be a wise one for both teachers and parents are getting to understand the meaning of the marks and are taking an interest in their children's standing more and more.

In addition to this a series of five report blanks has been devised, which are sent to parents when either the work or deportment of their children is very unsatisfactory, and it is hoped that these will keep parents of such children as refuse to do the work assigned them in a proper manner informed as to their work, and that they will co-operate with the teachers in bringing up the standard of the work.

We believe that a child should be promoted upon the work he does during the year and the *marking system* has meant far too much in the past to both teachers and scholars and we may say parents. Marks and promotions have too often been the teacher's measure of success, while the children have worked too much for marks and too little for the power and delights that come from the acquisition of knowledge.

Written tests are a good thing to show the teacher where-in the children are weak or deficient in their work, and thus guide her in her work ; but when the teacher teaches and the scholar studies that high marks may be obtained in the required written examinations the school is generally more or less of a failure.

SCHOOL DISCIPLINE.

Parents are to a greater or less extent responsible for much of the friction and breach of discipline that comes in school, for instances have come to my knowledge where it was common for the children to call the teacher by her first name, or worse yet, by some opprobrious name in the presence of parents, and where school tricks and happenings that are not at all to the credit of those having a part in

them are told for the amusement of the home circle, and furthermore, where the child's statement of any, and all things that happen in school is accepted as correct and an estimate of the teacher formed therefrom. A wrong is thus done the school, and a lasting injury to the child that it will require years of careful training to efface.

The teacher on the other hand has a great responsibility resting upon her shoulders, she has no right to be cross, fretful or nagging; she must so act in all things that no child can rightly charge her with favoritism, partiality or injustice. She should not live in the school room alone, but must mingle in and gain such a knowledge of the outside world as will be of value to her scholars, and be able to give it to them. The teacher should further remember that she is to serve the school, and not the school her, and that all classes of scholars and grades of intellectual capacity must be treated by her with strict impartiality, not only as to matters of discipline, but in the matter of dividing the time of instruction, endeavoring to develop the powers of the weaker as well as the stronger intellects.

I have constantly urged the teachers in cases of breach of discipline on the part of scholars, to consult with and get the co-operation of parents, and I would as urgently request the parents in case the work or deportment of their children is not satisfactory, to consult with the teachers and I think they will find them ready and willing at all times to listen to suggestions.

If your child has peculiarities which the teacher should know about in order to do the best by him that can be done, don't leave them for the teacher to find out, but go and tell her and thus help the teacher and benefit the child.

I believe that the work of the year has been excellently done in some of our schools and not as well in some others,

and it is not always those who seem to make the greatest effort who obtain the highest degree of success, as the quiet worker who has acquired right methods and gained complete mastery over herself is able to govern her school quietly, yet effectually, and when she has done that the scholars are ready to be taught and there is no chance for trouble.

SCHOOL BUILDINGS AS POLLING PLACES.

The superintendent of schools in one of our Massachusetts cities has the following to say regarding the use of school rooms as polling places :

“ I have in previous reports called attention to the evils arising from the use of school rooms as polling places, and for caucuses. The putting up of booths, the day of election, and the removing of the booths occupy three days time at each election, during which time the rooms cannot be used for school purposes, while all the rooms in the building must be dismissed on the days of election. These enforced vacations greatly disturb the work of the schools, but there is an additional evil,—the filthy condition in which the rooms are left. The floors are stained almost beyond cleansing with tobacco expectorations, and an ill odor poisons for some time the air of the school room. After the last election bottles containing liquor were found in some of the closets. Such an object lesson in the habits of men is hardly a desirable one for school children.”

Luckily we are not obliged to make any such sweeping criticism of the system as the above, as it happened that the last election came on the day that our Middlesex County Teachers' Association met, and there was no school, otherwise it would have been necessary to close several schools. In addition to this the rooms were left in such a condition that a thorough cleaning was necessary before school could

be resumed. The school grounds at Grove street, upon which considerable time and money had been spent in an attempt to make a lawn, were driven over and cut up so that they looked more like a prairie road in springtime than like a lawn, and the general public were inclined to use the same as a public thoroughfare for some time after election.

While the school property is the property of the town, and is to be used for the benefit of all its citizens, the school committee are responsible to the public for its proper use and care, and they claim the right to say that the public shall not abuse either the buildings or the grounds, and with this end in view respectfully suggest that if it is possible some other arrangement be made for polling places in the future.

In closing permit me to bear testimony to the faithful and efficient work of the teachers generally, and to thank them for their co-operation. I wish also to acknowledge my indebtedness to this committee for their kind consideration and hearty support.

Respectfully submitted,

B. F. ROBINSON,

Superintendent.

In School Committee,

MELROSE, Jan. 26, 1895.

Ordered, That the annual report of the superintendent of schools be accepted and adopted as the report of the school committee to the town.

B. F. ROBINSON, *Sec'y.*

To the Superintendent of Schools, Melrose, Mass.,

DEAR SIR :—The report of this department must of necessity be brief, as no work was done till the last of September, the first call being made Sept. 25th. Since that time forty visits have been made, but the larger part of the complaints when investigated were found to come from parents keeping children at home to attend to household duties. Few can really be said to be cases of truancy.

We find the parents to be lamentably ignorant concerning the law regarding a child's attendance upon school. In a few cases the child has been detained at home after my first call, but as far as we can learn one presentation of the case has sufficed.

Respectfully submitted,

I. C. WEEKS,

Truant Officer.

Mr. B. F. Robinson, Supt. of Schools.

DEAR SIR :—The report of the work in the Ling system of gymnastics must necessarily be short, as but two months have passed since it was introduced into the Melrose schools. The plan of the work is as follows :

In the primary and grammar grades from fifteen to twenty minutes daily are given to the physical exercises. These are conducted by the teacher, and are taken by the pupils in the aisles between the desks. The work is entirely free-hand, no apparatus being used. During the exercises the windows are opened, thus giving a chance for a complete change of air in the school room.

In the high school the work at present is very inadequate, as the pupils have very little time given to the gymnastics, only forty-five minutes on one day of the week, and the

young ladies only half that time. Their class is so large it has to be divided into two sections, thus allowing about twenty minutes exercise for each division. The room in which they are obliged to take the gymnastics is also very unsuitable, as the pupils are crowded and the marching manoeuvres have to be entirely omitted on account of insufficient floor space. But, in spite of all these disadvantages, the pupils have started the work well, and we expect to see good results before the close of the year.

It is hoped that the time is not far distant when the high school pupil shall have the advantages of a large hall, provided with some few pieces of apparatus, and a regular time appointed each day for their physical improvement. This is being done in many of the neighboring towns and cities, and the result shown in the improved health, the erect carriage and the freedom of motion of the pupils, more than justifies the additional expense.

The teachers of all the grades meet me once a fortnight, in the high school building and have a practical lesson in the gymnastic exercises. To most of them the work is entirely new.

They are giving me their hearty co-operation, and I feel that whatever benefits the pupils in the lower grades may derive from the gymnastics, will be largely due to their faithful efforts.

The Ling system of gymnastics is a thoroughly scientific system, based on anatomical and physiological principles and most carefully arranged in a progressive series. The movements in each day's work are placed in such a way that every part of the body is exercised in the most beneficial order to the whole system. Also the work progresses from day to day, requiring more and more difficulty of execution and precision as the strength of the pupil increases, never however

being beyond the physical ability of the pupil at the time. Both teachers and pupils have helped us by their apparent interest in the beginning of the work, and I cannot but feel that with their cordial support it must succeed.

Respectfully submitted,

CLARA E. SHEPPARD,

Supervisor of Ling Gymnastics.

"Too low they build who build beneath the stars."

1894.

GRADUATION MELROSE HIGH SCHOOL,

TOWN HALL, WEDNESDAY EVENING, JUNE 27,

Eight o'clock.

PROGRAMME.

PART I.

OVERTURE.—"Zampa,"	Harold.
HIGH SCHOOL ORCHESTRA.	
SELECT CHORUS.—"And the glory of the Lord."	Messiah.
SALUTATORY ESSAY.—"Emerson's Ideal Scholar."	
OLIVE B. GILCHRIST.	
SALUTATORY ESSAY.—"The Scholar."	
WILLIS A. MOORE.	
PIANO SOLO.—"The Last Hope."	Gottschalk.
JOSIE B. WORTHEN.	
ESSAY.—"The Space Between is the Way Thither."	
LUCILE E. SARGENT.	
CLASS PROPHECY.	
WM. EBEN WATERHOUSE.	
SELECTION FROM OPERA.—"Wang,"	E. Boettger.
HIGH SCHOOL ORCHESTRA.	

PART II.

READING OF ROLL OF HONOR AND AWARDING OF FRANKLIN FRATERNITY PRIZES.

Court Scene from "GILES COREY." Time, 1692. Place, Meeting House in Salem.

TRIAL OF CERTAIN PERSONS FOR WITCHCRAFT.

GILES COREY,	WILLIS A. MOORE.
MARTHA COREY,	HELEN I. MOORHOUSE.
OLIVE COREY,	MABELLE S. MERRILL.
AFFLICTED GIRLS,	{ JOSIE B. WORTHEN.
	{ AMELIA M. BALDWIN.
MAGISTRATES,	{ ROBERT BROWN.
	{ CARL C. CRANE.
MINISTER PARRIS,	ASHLEY D. LEAVITT.
CONSTABLES,	{ J. WM. AMES.
	{ GEO. H. TOWNE.
WIDOW HUTCHINS,	POLLY PARKER.
NANCY FOX,	SARA M. ANDERSON.

People of Salem Village.—MEMBERS OF CLASS.

ESSAY.—“England’s Relations to the United States, Past and Present.”

CHARLES FRANCIS MARDEN.

SELECTION FROM LONGFELLOW.—“The Famine.”

A. LENA ADAMS.

VALEDICTORY.

LOIS MONROE HOLMES.

SELECT CHORUS.—“Ave Maria.” *Abt.*

Solo, GERTRUDE UPHAM.

AWARDING DIPLOMAS.

CLASS NAMES.

G. A. LENA ADAMS,	CT. GERTRUDE MAY WEEKS,
E. SARA MUNROE ANDERSON,	E. LOUISE MADELINE WELLS,
G. AMELIA MUIR BALDWIN,	P. EDITH MAY WHITFORD,
P. C. LILLIAN BEMIS,	G. JOSIE BELL WORTHEN,
E. MAY AGNES CHISHOLM,	T. J. WILLIAM AMES,
G. LILLIAN FRANKLIN,	E. CHARLES A. BACHELLER,
C. OLIVE BACON GILCHRIST,	E. ROBERT BROWN,
CT. MARCIA LENA HINCKLEY,	G. CARL CUSTER CRANE,
C. LOIS MONROE HOLMES,	CT. ERNEST F. CURRY,
E. MERCY MONTGOMERY HOOD,	T. SAMUEL FULLER DIX,
E. ALICE GERTRUDE LEAVITT,	CT. FREDERICK JUSTUS GEIST,
C. ALICE GERTRUDE LITTLEFIELD,	T. JOHN HEBER LARRABEE,
G. MABELLE SPENCER MERRILL,	CT. ASHLEY D. LEAVITT,
P. HELEN ISABEL MOORHOUSE,	T. W. HENRY MAGNER,
E. POLLY IMOGENE PARKER,	C. CHARLES FRANCIS MARDEN,
E. CARRIE LOUISE POWER,	C. WILLIS ALBERT MOORE,
E. GRACE EVANS ROWE,	C. MELVIN WILBUR SMITH,
G. LUCILE ELAINE SARGENT,	E. GEORGE H. TOWNE,
E. JEANETTE LYNDE UPHAM,	C. WM. EBEN WATERHOUSE.

G, General Course.

E, English Course.

P, Partial Course.

C, College Course.

T, Technology Course.

CT, Certificate.

SUBJECTS FOR FRANKLIN FRATERNITY PRIZES.

1st Class.—The Mythology of the Ancient Greeks.

The Life of Achilles.

Emerson’s “Ideal Scholar.”

“The Scottish Highlander.”

Milton : the Man and the Poet.

Guinevere :—Princess, Queen and Abbess.

- 2d Class.—Character of Xenophon.
The Wisdom of Touchstone.
The Punishment of Shylock.
- 3rd Class.—Thoreau at Walden.
Cyrus the Younger.
- 4th Class.—Among the Ancients.
From Seed to Leaf.

Honorable mention is made of the following scholars for excellence in literature.

First Class.

- | | |
|---------------------|---------------------|
| Lois M. Holmes, | Amelia M. Baldwin, |
| A. Lena Adams, | Olive B. Gilchrist, |
| Edith May Whitford, | Wm. E. Waterhouse, |
| Helen I. Moorhouse, | Carl C. Crane, |
| Willis A. Moore. | |

Second Class.

- | | |
|--------------------|-----------------------|
| Ethel Fernald, | Margaret Grady, |
| Jessie M. Baker, | Evelyn T. Chalenor, |
| Carrie L. Worthen, | Roland W. Harris, |
| Ethel M. Patch, | Geo. Phillips Bryant, |
| H. Edith Bradbury, | Albert W. Snow. |

Third Class.

- | | |
|------------------|-----------------|
| Susie M. Keizer, | Mabel L. White, |
| Alice F. Bond, | Edith Hunt, |
| Ethel B. Mayall, | Eugene W. Owen, |
| Grace Gilmore, | Waldo Wildes. |

Fourth Class.

- | | |
|-----------------------|-------------------------|
| Blanche A. French, | Marion G. Thorpe, |
| Marion C. Waterhouse, | Georgia L. Carpenter, |
| Clara Edith Baker, | Mildred A. Wagg, |
| Addie L. Pratt, | Frank N. Loveland, |
| Cassie L. Pratt, | Christopher F. Collins. |
| Frank H. Merrill, Jr. | |

First Class.

In Mathematics.

Olive B. Gilchrist,	J. William Ames,
Grace E. Rowe,	John Heber Larrabee,
Lois M. Holmes,	Wm. E. Waterhouse,
Gertrude Littlefield,	Willis A. Moore.

Second Class.

Jessie M. Baker,	Geo. Phillips Bryant,
Margaret Grady,	C. Gardner Barry,
Laura M. White,	Edward E. Albee,
Ethel Fernald,	Samuel Dearborn,
Carrie L. Worthen,	Geo. E. Glover,
Albert W. Snow,	Roland W. Harris,

Chas. A. Holbrook.

Third Class.

Edith M. Barron,	Alice F. Bond,
Susie M. Keizer,	E. W. Owen,
Grace P. Washburn,	Harvey B. Hurd,
Ethel B. Mayall,	Frank R. Carr.

Fourth Class.

Laura Hood,	Addie L. Pratt,
E. Osgood,	Bertha Packard,
Mildred A. Wagg,	Carl Smith,
Edith Baker,	Harold Stewart,
Florence Sanford,	Edwin Wooldridge,
Mattie Mirfield,	Frank H. Merrill, Jr.
Etta M. Pierce,	Frank N. Loveland.

Prizes were awarded as follows :

Literature : First prize, William Eben Waterhouse ; second prize, Lois M. Holmes ; third prize, Alice F. Bond. Fourth class prize, M. Eleanora Smalley.

Honorable mention is made of Amelia M. Baldwin, Ethel Fernald, Jessie M. Baker, Aimee L. Sears, Clara E. Baker, Cassie L. Pratt, Georgia L. Carpenter.

Mathematics: First prize Geometry, William E. Waterhouse; third class Geometry, Edith M. Barron; first prize Algebra, Susie M. Keizer; fourth class Algebra prize, Mildred A. Wagg.

"Work to Win."

GRADUATION EXERCISES
OF THE MELROSE GRAMMAR SCHOOL.

Town Hall, Tuesday, June 26th, 1894, 10'o'clock a. m.

PROGRAMME.

1. MARCH.
2. RECITATION. "Minot's Ledge."
RUSSELL KNOX.
3. RECITATION "The beautiful ballad of Lady Lee."
CARRIE DILL.
4. SONG. "Ave Maria."
5. RECITATION. "The Prize Violin."
MAUD BRICKETT.
6. RECITATION. "The Experience of a Genius."
RALPH FRANKLIN.
7. CORNET SOLO. "Young America."
GRACE HARDY.
8. RECITATION. "The White Lily."
ANNIE BRISTER.
9. *RECITATION. "Her Brother."
GRACE REED.
10. SONG. "Morn is Beginning."
11. RECITATION. "Liberty and Education the Preservation of the Republic."
F. H. CURRY.
12. SONG. "O, Sweet Summer Wind."
13. AWARDDING DIPLOMAS.
14. SONG. "The Huntsman's Chorus."

GRADUATES.

Adams, Louis S.
Amory, S. Lillian.
Anderson, Elsie M.
Anderson, William A.
Bacheller, Alice.
Barker, Susie G.
Barnes, Ara E.
Bense, Theodore L.
Bosson, Ruth C.
Brickett, Maud M.
Brister, Annie J.
Brown, Carl.
Brown, Harry H.
Burbank, Ethel G.
Carney, Anna B.
Carney, Sadie W.
Casey, William E.
Center, Katherine.
Cleveland, W. Emerson.
Coates, Violet C.
Copithorn, Addie G.
Curry, Frederick H.
De Creny, Alice G.
Dill, Carrie B.
Doherty, Carrie T.
Everson, W. Forrest.
Folsom, Alice L.
Franklin, Ralph S.
Frederick, Louise.
Frost, Dan T.

Lane Katie F.
Lassell, Charles I.
Leach, Allen L.
Leavitt, Helen.
Libby, Marguerite.
Long, Anna J.
Lovell, Charles L.
Lynde, Alta E.
Maroney, Nellie M.
Martin, Lizzie B.
Mason, Florence H.
M'Coy, W. Albert.
Moore, Mabel L.
Munn, Joseph B.
Munn, Luella.
Oakes, Mary L.
Ogilvie, Clarissa A.
Orton, George A.
Osgood, Bertrand M.
Perham, Clara L.
Perry, Llewellyn L.
Provandie, Francis H.
Quinn, David S.
Reed, Grace E.
Rich, Marion S.
Ricker, A. Winnifred.
Ring, Siguard I.
Robinson, Alice W.
Russell, William H.
Smith, May E.

Glover, Myrtle P.
Hall, Mary E.
Hardy, Grace L.
Hawley, Martha I.
Hilbourn, Tom R.
Hills, J. Welsford.
Hocking, Helena M.
Hodge, Mary I.
Holbrook, Dora A.
Howes, Ethel O.
Johnson, Lillian C.
Kellogg, Frank C.
Kirmes, William L.
Knights, Charles F.
Knox, W. Russell.

Snow, Marion.
Stewart, Robert L.
Thatcher, Mary L.
Thomas, Annie M.
Tucker, Edwin W.
Twitchell, Walter K.
Waite, Florence E.
Warren, Fannie L.
Westgate, Louise C.
Whittier, William J.
Woodward, Ada A.
Worth, Laura.
Worthen, James C.
Wells, Winfield S.

FLAG DAYS.

The days named below were designated in the last report as Flag Days, and it is hereby ordered that each janitor shall display the national flag from the school buildings under his care from sunrise to sunset. Also that all teachers shall have an exercise or reading of the history relating to the event named, said reading or exercise not to occupy more than fifteen minutes, immediately after the opening of the morning session of school on such days. When the day comes on Saturday or Sunday, or during a vacation, such commemoration shall take place on the Friday preceding.

January 1, Emancipation Proclamation, 1863.

“ 8, Battle of New Orleans, 1815.

“ 15, Capture of Fort Fisher, 1865.

- February 6, Victory at Fort Henry, Tenn., 1862.
“ 8, Capture of Roanoke Island, 1862.
“ 12, Birth of Abraham Lincoln, 1809.
“ 16, Capture of Fort Donaldson, 1862.
“ 18, Capture Charleston, S. C., 1865.
- March 4, Inauguration of president, once in four years.
“ 5, Victory at Pea Ridge, Ark., 1862.
“ 9, Battle of the iron clads Monitor and Merrimac, 1862.
- April 2, Capture of Petersburg, 1865,
“ 3, Capture of Richmond, 1865.
“ 6-7, Victory at Shiloh, Tenn., 1862.
“ 9, Surrender of General Lee, 1865.
“ 12, Attack on Fort Sumpter, 1861.
“ 19, Fight at Concord and Lexington, 1775.
“ 25, Capture of New Orleans, 1862.
“ 27, Birth of General Grant, 1822.
- May 3, Town of Melrose incorporated, 1850.
“ 5-6, Battle of the Wilderness, 1864.
“ 30, Capture of Corinth, 1862.
Memorial day, (half mast.).
“ 31, Victory at Fair Oaks.
- June 14, Adoption of Stars and Stripes as national emblem,
1776.
“ 17, Battle of Bunker Hill, 1775.
“ 19, Battle between Kearsarge and Alabama, 1864.
- July 1-4, Battle of Gettysburg, 1863.
“ 4, Declaration of Independence, 1776.
- September, First day school year.
“ 17, Victory at Antietam, 1862.
- October 12, Columbus discovered America, 1492.
“ 19, Battle of Cedar Creek, 1864.
Surrender of Cornwallis, 1781.
- November 7, Capture of Port Royal, S. C., 1861.
“ 24, Battle of Lookout Mountain, 1863.
- December 15, Victory at Nashville, 1864.
“ 21, Capture of Savannah, 1864.
“ 22, Landing of the Pilgrims, 1620.

SCHOOL LAWS.

At the last session of the legislature the laws regarding school attendance, and fining of parents and guardians who refuse or neglect to send their children to school, were amended and considerably changed, and the substance of the new law is as follows :—

EXTRACTS FROM THE PUBLIC STATUTES OF THE COMMONWEALTH.

CHAPTER 498.

AN ACT RELATIVE TO THE ATTENDANCE OF CHILDREN IN THE SCHOOLS.

Be it enacted, etc., as follows:

SECTION I. Every person having under his control a child between the ages of eight and fourteen years, and in every city and town where opportunity is furnished, in connection with the regular work of the public schools, for gratuitous instruction in the use of tools or in manual training, or for industrial education in any form, a child between the ages of eight and fifteen years, shall annually cause such child to attend some public day school in the city or town in which he resides, and such attendance shall continue for at least thirty weeks of the school year, if the schools are kept open for that length of time, *with an allowance of two weeks' time for absences not excused by the superintendent of schools or the school committee.* Such period of attendance shall begin within the first month of the fall term of school, and for each five days' absence of any such child thereafter, in excess of the above allowance, before the completion of the

required annual attendance of thirty weeks, the person having such child under his control shall, upon the complaint of the school committee or any truant officer, forfeit to the use of the public schools of such city or town a sum not exceeding twenty dollars, but if such child has attended for a like period of time a private day school approved by the school committee of such city or town, or if such child has been otherwise instructed for a like period of time in the branches of learning required by law to be taught in the public schools, or has already acquired the branches of learning required by law to be taught in the public schools, or if his physical or mental condition is such as to render such attendance inexpedient or impracticable, such penalties shall not be incurred.

SEC. 2. For the purposes of the preceding section school committees shall approve a private school only when the teaching in all the studies required by law is in the English language, and when they are satisfied that such teaching equals in thoroughness and efficiency the teaching in the public schools in the same locality, and that equal progress is made by the pupils therein, in the studies required by law, with that made during the same time in the public schools; but they shall not refuse to approve a private school on account of the religious teaching therein.

SEC. 3. The truant officers and the school committee of the several cities and towns shall vigilantly inquire into all cases of neglect of the duty prescribed in section one, and ascertain the reasons, if any, therefor; and such truant officers or any of them, shall, when so directed by the school committee, prosecute in the name of the city or town any person liable to the penalty provided for in said section. Police, district and municipal courts, trial justices and judges of the probate court, shall have jurisdiction within their respective counties of the offences described in section one.

SEC. 4. All children within the Commonwealth may attend the public schools in the place in which they have their legal residence, subject to the regulations prescribed by law.

SEC. 5. The school committee shall determine the number and qualifications of the scholars to be admitted to the high school.

SEC. 6. Children living remote from any public school in the town in which they reside may be allowed to attend the public schools in an adjoining town under such regulations and on such terms as the school committee of the said towns agree upon and prescribe; and the school committee of the town in which such children reside shall pay the sum agreed upon out of the appropriations of money raised in said towns for the support of schools.

SEC. 7. Any minor under guardianship, whose father has died, may attend the public schools of the city or town of which his guardian is an inhabitant.

SEC. 8. Children may, with the consent of the school committee first obtained, attend schools in cities and towns other than those in which their parents or guardians reside; but when a child resides in a city or town different from that of the residence of the parent or guardian, for the sole purpose of attending school there, the parent or guardian of such child shall be liable to pay such city or town for tuition, a sum equal to the average expense per scholar for the period during which the child so attends.

SEC. 9. The school committee shall not allow a child who has not been duly vaccinated to be admitted to or connected with the public schools.

SEC. 10. The school committees shall not allow any pupil to attend the public schools while any member of the household to which such pupil belongs is sick of smallpox, diphtheria, or scarlet fever, or during a period of two weeks

after the death, recovery or removal of such sick person; and any pupil coming from such household shall be required to present to the teacher of the school the pupil desires to attend, a certificate from the attending physician or board of health, of the facts necessary to entitle him to admission in accordance with the above regulation.

SEC. 11. No person shall be excluded from a public school on account of the race, color, or religious opinions of the applicant or scholar.

SEC. 12. Every member of school committee under whose direction a child is excluded from a public school, and every teacher of such school from which a child is excluded, shall, on application by the parent or guardian of such child, state in writing the grounds and reason of the exclusion.

SEC. 13. A child unlawfully excluded from a public school may recover damages therefor in an action of tort, to be brought in the name of such child by his guardian or next friend, against the city or town by which such school is supported.

SEC. 14. The plaintiff in such action may, by filing interrogatories for discovery, examine any member of the school committee, or any other officer of the defendant city or town, as if he were a party to the suit.

SEC. 15. Whenever a truant school has been established for any county it shall be the place of confinement, discipline and instruction for all truants within the cities or towns of said county, unless said cities or towns have made other provision therefor; and police, district or municipal courts, trial justices and probate courts, shall have jurisdiction within their respective counties of the offences described in sections nineteen and twenty-one of this act; and may commit truants to such truant school or union truant school as may be established for their respective counties under the provisions of this act.

SEC. 16. If three or more towns in any county so require, the county commissioners shall establish at the expense of the county, at a convenient place therein, other than the jail or house of correction, a truant school for the confinement, discipline and instruction of minor children convicted under the provisions of sections nineteen and twenty-one of this act and all acts in amendment thereof and in addition thereto; and shall make suitable provisions for the government and control, and for the appointment of proper teachers and officers thereof. But the county commissioners of two, three or four contiguous counties may, and if three or more cities or towns in each of such counties require, shall, at the expense of said counties, establish for said counties at a convenient place therein a union truant school, to be organized and controlled by the chairman of the county commissioners of said counties, in the manner provided for the government and control of county truant schools by county commissioners; and any county so uniting with another county or counties in the support of a union truant school shall not be required to support a truant school of its own.

SEC. 17. A town may assign any such truant school, or, with the assent of the state board of lunacy and charity, the state primary school, as the place of confinement, discipline and instruction of children so convicted; and shall pay for their support therein such sum, not exceeding two dollars a week for each child, as the county commissioners or trustees of the state primary and reform schools respectively shall determine.

SEC. 18. Children so committed may, upon satisfactory proof of amendment or other sufficient cause, be discharged from the state primary school by said state board, and from other places of confinement by the judge or justice who committed them.

SEC. 19. Each town shall make all needful provisions and arrangement concerning habitual truants, and children between seven and fifteen years of age who may be found wandering about in the streets or public places therein, having no lawful occupation or business, not attending school and growing up in ignorance, and such children as persistently violate the reasonable rules and regulations of the public schools ; and shall make such by-laws as shall be most conducive to the welfare of such children and to the good order of such town; and shall provide suitable places for the confinement, discipline and instruction of such children.

SEC. 20. The school committee of each town shall appoint and fix the compensation of two or more suitable persons, to be designated truant officers, who shall, under the direction of said committee, inquire into all cases arising under such by-laws, and shall alone be authorized, in case of violation thereof, to make complaint and carry into execution the judgment thereon ; and who may serve all legal processes issued by the courts in pursuance of such by-laws, or of sections fifteen to twenty-four inclusive of this act, but who shall not be entitled to receive any fees for such service.

SEC. 21. Any minor convicted under a by-law made under section nineteen of this act of being an habitual truant, or of wandering about in the streets and public places of a city or town, having no lawful employment or business, not attending school and growing up in ignorance, or if persistently violating the rules and regulations of the public schools, shall be committed to any institution of instruction or suitable situation provided for the purpose, under the authority of said section or by-law, for a term not exceeding two years.

SEC. 22. Whoever, after notice from a truant officer to refrain from so doing, offers a reward for services to any

child, in consequence of which reward such child is induced unlawfully to absent himself from school, or whoever, after notice as aforesaid, in any manner entices or induces any child to truancy, or whoever knowingly employs or harbors any truant or unlawful absentee from school, shall forfeit not less than twenty nor more than fifty dollars to the use of the public schools of the city or town in which said offence occurs, to be recovered by complaint.

SEC. 23. Truant officers in cities and towns are hereby authorized, under the direction of the school committees of their respective cities and towns, to apprehend and take to school without warrant all truants found wandering about the streets or public places.

SEC. 24. The school committee of any city or town in any county or counties where a union or county truant school has been or shall hereafter be established may with the approval of the court making the original commitment and with the consent of the county commissioners of the county in which such truant school is established, cause all persons confined in the truant or farm school in such city or town, when such farm school is a truant school, to be removed to such union or county truant school to complete the term for which they were originally committed, subject however to the provisions of law as to release before the expiration of such term.

SEC. 25. The school committees of the several towns shall annually report to the secretary of the board of education whether their respective towns have made the provisions required by law relating to truants and absentees from school.

SEC. 26. Each town may, and every town containing five thousand or more inhabitants shall, make all needful provisions and arrangements concerning children under sixteen years of age who by reason of orphanage or of the

neglect, crime, drunkenness or other vice of parents are suffered to grow up without salutary parental control and education, or in circumstances exposing them to lead idle and dissolute lives; and may also make all such by-laws respecting such children as shall be deemed most conducive to their welfare and to the good order of the town.

SEC. 27. The selectmen of towns containing five thousand or more inhabitants, and of other towns, accepting the provisions of sections twenty-five to twenty-eight, inclusive, of this act, shall appoint suitable persons to make complaints of violations of by-laws adopted under the preceding section; and the person so appointed, and the officers and duly appointed agents of the Massachusetts Society for the Prevention or Cruelty to Children, shall alone be authorized to make such complaints and to carry into execution the judgments thereon; and the persons so appointed shall alone be authorized to make complaints under the following section.

SEC. 28. A judge of the superior court, or of a police, district or municipal court, or a trial justice, upon proof that any child under sixteen years of age, by reason of orphanage or of the neglect, crime, drunkenness or other vice of parents, is growing up without salutary parental control and education, or in circumstances exposing such child to lead an idle and dissolute life, may order such child to such institution of instruction or other place assigned for the purpose as may be provided under section nineteen of this act by the town in which such child resides, to be there kept, educated and cared for for a term not extending beyond the age of twenty-one years for boys, or eighteen years for girls.

SEC. 29. When the parents of a child committed under the preceding section have reformed and are leading orderly

and industrious lives, and are in a condition to exercise salutary parental control over such child, and to provide him with proper education and employment, or when, said parents being dead, any person offers to make such suitable provision for the care, nurture and education of such child as will conduce to the public welfare, and will give security for the performance of the same satisfactory to the directors, trustees, overseers, or other board having charge of the institution to which such child is committed, they may discharge him to the parents or to such other person.

SEC. 30. Chapter forty-seven and sections eleven, twelve, thirteen, fourteen, fifteen, sixteen, seventeen, eighteen, nineteen, twenty and twenty-one of chapter forty-eight of the Public Statutes; chapter two hundred and forty-five of the acts of the year eighteen hundred and eighty-three; chapters seventy-one and one hundred and ninety-eight of the acts of the year eighteen hundred and eighty-five; chapters two hundred and forty-nine, four hundred and twenty-two and four hundred and sixty-four of the acts of the year eighteen hundred and eighty-nine; chapters three hundred and nine and three hundred and eighty-four of the acts of the year eighteen-hundred and ninety; chapters three hundred and sixty-one and four hundred and twenty-six of the acts of the year eighteen hundred and ninety-one, and chapter sixty-two of the acts of the year eighteen hundred and ninety-two; and chapter one hundred and eighty-eight of the acts of the year eighteen hundred and ninety-four, and all acts and parts of acts inconsistent herewith, are hereby repealed. [*Approved June 21, 1894.*]

CHAPTER 203.

CONCERNING INJURY TO PUBLIC BUILDINGS.

SECTION 78. Whoever wilfully and maliciously or wan-

tonly and without cause destroys, defaces, mars, or injures a schoolhouse, church, or other building erected or used for purposes of education or religious instruction, or for the general diffusion of knowledge, or an out-building, fence, well, or appurtenance of such schoolhouse, church, or other building, or furniture, apparatus or other property belonging to or connected with such schoolhouse, church or other building, shall be punished by a fine not exceeding five hundred dollars, or by imprisonment in the jail not exceeding one year.

CHAPTER 332.

[ACTS OF 1885.]

AN ACT REQUIRING PHYSIOLOGY AND HYGIENE TO BE TAUGHT IN THE PUBLIC SCHOOLS.

SECTION I. Physiology and Hygiene, which, in both divisions of the subject, shall include special instruction as to the effects of alcoholic drinks, stimulants and narcotics on the human system, shall be taught as a regular branch of study to all pupils in all schools supported wholly or in part by public money, except special schools maintained solely for instruction in particular branches, such as drawing, mechanics, art, and like studies. All acts or parts of acts relating to the qualifications of teachers in the public schools shall apply to the branch of study prescribed in this act.

SALARIES OF TEACHERS AND SUPERINTENDENT.

NAMES.	SCHOOLS.	SALARIES.
Alonzo G. Whitman,	High, Principal,	\$2,000
F. H. Small,	" Sub-master,	1,000
Howard D. Barrows,	" Assistant,	700
A. A. Ballou,	" "	800
Harriet C. Fairbanks,	" "	1,000
Hattie G. Ricker,	" "	650
Mary J. George,	" "	650
Clara B. Mowry,	" "	600
Lydia Mendum,	Warren st., Prin., 8th Gr.,	700
Belle Mitchell,	" " 7th "	550
Alma J. Guptill,	" " 6th "	550
Harriet Doves,	" " 5th "	450
Esther M. Davis,	Franklin st., Prin. 4th Gr.,	550
Mary E. Tupper,	" " 3d & 2d "	475
Hattie M. Field,	" " 1st & 2d "	500
Minnie F. C. Snow,	Green st., 1st, 2d, 3d & 4th Gr.,	475
Effie C. Sweetser,	M. A. Livermore, Principal, 8th Gr.,	700
Lucy W. Bisbee,	" 7th "	600
Lillie J. Davis,	" 6th "	550
Eva M. Crane,	" 5th "	550
Susan D. Melcher,	Centre, Princ., 4th Grade,	550
Isabelle L. Atwood,	" 3rd "	550
Gertrude Stewart,	" 2nd "	400
Isabelle Chapin,	" 1st "	550
Mary I. Coggeshall,	Upham Hill, Princ., 6th & 7th Gr.,	550
Annie Chadbourne,	" 4th & 5th "	550
Bertha M. Lawrence,	" 2nd & 3rd "	450
Cecelia Coyle,	" 1st "	500
Alice M. Swett,	Grove st., Princ., and 8th Gr.,	800
Helen J. Barrett,	" 7th "	600
Janet Young,	" 6th "	550
A. Louise McCormick,	" 5th "	550

NAMES.	SCHOOLS.	SALARIES.
Della H. Crosby,	Grove st., 4th Gr.,	\$550
Nellie Dempsey,	" 3rd "	525
Florence Ellis,	" 2d "	550
A. E. Tucker,	" 1st "	500
Annie G. Smith,	D. W. Gooch school, Princ., 7th Gr.,	650
Alice H. Long,	" " 6th "	525
Etta J. Call,	" " 5th "	550
Mrs. Mary R. Clarke,	" " "	500
Lucy F. Dermot,	" " 3rd "	550
Amelia Trowbridge,	" " 2nd "	525
Annie H. Long,	" " 1st "	400
Arline Merrill,	" " 1st "	400
Emma A. Weeks,	Converse, Principal, 3rd & 4th "	525
Mary E. Nye,	" 2nd & 1st "	525
Louise Frost,	Ripley, 1st, 2nd, 3rd & 4th Gr.,	525
Clara Bishop,	Lynde street, 1st Gr.,	500

SPECIAL TEACHERS.

Grant Drake,	Music,	800
Willis S. Carter,	Drawing,	600
Clara E. Sheppard,	Physical Culture,	350
B. F. Robinson,	Superintendent,	2,000

JANITORS.

Isaac C. Weeks,	High and Mary A. Livermore,	720
George W. Boutwell,	Grove st. and D. W. Gooch,	900
C. H. Fuller,	Franklin and Green street,	300
John Hitchins,	Centre and Lynde street,	260
Eri Upham,	Upham Hill,	200
Frank Bemis,	Warren street and Old Franklin,	350
Thomas Ray,	Converse,	100
Edward Molyneux,	Ripley,	60

SCHOOL STATISTICS.

SCHOOLS.	Maximum Number, Jan. 1 to July 1, 1894.	Average Attendance Jan. 1 to July 1, 1894.	Maximum Number, Sept. 1, to Dec. 31, 1894.	Average Attendance, Sept. 1, to Dec. 31, 1894.	No. of Pupils Jan. 1, 1895.	Per Cent. of Att'dance.	Average Age, Dec. 31, 1894.	
							Yrs.	Mos.
High School, First Class.....	37	35	42	40	41	96	17	5
" Second Class	35	30	27	23	24	93	16	9
" Third Class.....	55	52	77	76	75	94	16	
" Fourth Class	103	91	85	82	84	95	15	6
TOTALS	230	208	231	221	224	94.5		
Eighth Grade, Mary A. Livermore.....	49	41.7	52	46.3	49	95.2	14	4
Eighth Grade, Grove Street.....	43	38.8	51	43.9	48	95	14	2
Eighth Grade, Warren Street.....	51	45.5	30	26.5	28	93.4	14	1
Seventh Grade, Mary A. Livermore	44	39.5	34	33.4	34	96	13	2
Seventh Grade, Grove Street.....	47	37.8	35	28.3	32	86.1	12	7
Seventh Grade, Warren Street.....			34	31.3	34	94.3	13	8
Seventh Grade, D. W. Gooch School.....			39	33.3	35	94.3	13	7
Seventh and Sixth Grades, Upham Hill.....	30	25.9	34	29.7	32	97.4	12	9
Sixth Grade, Mary A. Livermore	41	34	44	42	43	96.6	11	10
Sixth Grade, Grove Street.....	45	39.8	46	42.2	42	93.9	13	3
Sixth Grade, Warren Street....	39	32.8	40	35.9	38	93.2	12	6
Sixth Grade, D. W. Gooch School	42	37.4	45	39.2	41	92.7	12	8
Fifth Grade, Mary A. Livermore	52	46	50	45	49	89	11	7
Fifth Grade, Grove Street	42	38.3	52	36.9	47	89	10	11
Fifth Grade, Warren Street	49	40	30	21.9	30	94.4	11	5
Fifth Grade, D. W. Gooch.....	40	36.5	53	47.7	48	93.6	11	4
Fifth and Fourth Grades, Upham Hill	40	36.8	49	46.1	48	95.4	10	9
Fourth Grade, Grove Street	47	42	43	35.5	42	93.5	10	9
Fourth Grade, D. W. Gooch.....	44	38.3	50	45.3	46	94	10	3
Fourth Grade, Centre	38	31.6	31	27.1	29	93.3	10	3
Fourth Grade, Franklin Street.....	36	30.4	42	37.9	39	95.6	10	2
Fourth and Third Grades, Converse	30	26.9	25	23.6	26	93.8	10	
Third Grade, Grove Street.....	37	28.8	48	35.3	42	89.3	9	3
Third Grade, D. W. Gooch.....	48.5	43.7	50	48	50	90	9	2
Third Grade, Centre.....	29	22.4	45	41.9	42	95.2	8	5
Third and Second Grades, Franklin Street.....	27	24	49	45.3	43	94.9	9	2
Third and Second Grades, Upham Hill.....	60	49.8	51	49.2	50	95.6	8	9
Third Second and First Grades, Old Franklin St..	51	36.6	58	45.4	52	88.7	8	4
Second Grade, Grove Street	47	35.7	42	35.9	38	90.5	8	5
Second Grade, D. W. Gooch.....	50	43.5	51	46	51	91.1	7	8
Second Grade, Centre.....	43	36.3	42	35.1	40	95	6	8
Second and First Grades, Franklin Street.....	74	68.5	57	52.2	57	90.7	7	
Second and First Grades, D. W. Gooch.....	43	28	48	38	44	86.1	7	10
Second and First Grades, Converse	31	21.9	38	34.4	38	92.3	7	3
First Grade, Grove Street	57	38.7	46	36.6	42	90.5	7	2
First Grade, D. W. Gooch.....	43	33.1	46	37.8	42	89.4	6	4
First Grade, Centre	52	31	51	43	47	93	6	2
First Grade, Upham Hill	65	48.8	74	65	70	88.3	6	8
First Grade, Lynde Street.....	38	27.3	41	32.3	39	92	6	10
Green Street School	39	34.1	44	40.8	44	90	6	10
Ripley School.....	28	20.5	35	26.8	35	89.7	8	2

REPORT OF THE TRUSTEES

OF THE

MELROSE PUBLIC LIBRARY

FOR THE

YEAR ENDING DECEMBER 31, 1894.

MELROSE:
DUNTON & POTTER, PRINTERS, REPORTER OFFICE.
1895.

TWENTY-FOURTH ANNUAL REPORT
OF THE
TRUSTEES OF THE MELROSE PUBLIC LIBRARY
FOR THE YEAR ENDING DECEMBER 31, 1894.

The trustees of the public library respectfully present their twenty-fourth annual report.

The number of persons holding cards permitting them to take books from the library for home reading on January 1, 1894, was 1,300; the number on January 1, 1895, was 2,116, an apparent gain of 816. Of this gain, 268 then held cards which have since been exchanged for those of the new issue, and 548 are new card holders. The number of books issued during 1893 was 32,157; 41,298 were issued during 1894, an increase of 9,141. This increase is partly due to lack of employment and the dull times, which have given more leisure for reading, and in part to the wider acquaintance of the library.

During the year 411 books have been added by purchase, 12 by gift; 46 periodicals have been bound, and the whole number now in the library is about 10,662. The library has been open 305 days, and the average number of books issued each day was 135.3. The number of visitors to the reading room has increased by 3,672. Lack of employment and consequent leisure account for part of this increase, but the librarian reports a larger number of scholars from the pub-

lic schools than ever before, and more inquiries for books of reference and of general information. Children are among the most constant and eager of visitors. In many reading rooms for sufficient reasons children are not allowed to handle the books, and this keeps them out of the room. Our trustees have not found it necessary to forbid the use of books to any on account of age, and it is a sight to make one thoughtful to see these little people of eight or ten years on almost any afternoon turning over the leaves of the St. Nicholas and Harper's Young People, or the Youth's Companion and some illustrated papers which the thoughtful librarian asked to have bound for them; and not seldom under her supervision they are poring over the illustrated books on natural history or the maps. How deeply the lesson of the quiet room, the fascinating pictures with the few bits of reading they can make out, the studiousness of the grown up people who are also reading and looking must impress these little folks, and tend to develop and deepen the feeling of content and love of quiet so essential to worthy manhood and womanhood. Surely later on they will seek the restful society of books and the entertainment and innocent amusement which they afford in preference to noiser distractions and less ennobling diversions. A children's reading room in which so many libraries are now glorying is good, but better is our room for all ages and all classes. The demeanor of the older people is a natural and unresented restraint, and the feeling of the young people that there is something more attractive to look forward to, something the older people enjoy and which will come to them by and by, is a great encouragement to good behavior upon which depends all their pleasure.

For several years the money collected for keeping the books beyond the allotted time has been set apart as a catalogue fund; and for the last two years a fixed sum has been

added each year to this fund, taken from the appropriation. When the library is classified and renumbered a new catalogue must be printed, and the expense of such a catalogue for our library will be from \$1,500 to \$2,000. This expense will have to be met in a few years. The last of the catalogues are now in use, and they do not last long when in active service. The manuscript catalogues and the bound bulletins, which contain merely the last two thousand books, will be the only available substitutes.

The purpose of the trustees is to make the library a thoroughly useful library to the citizens. They do not consider it advisable at present to go to any large extent into specialties, professional literature or rare and costly publications. Try as we may our library cannot furnish for special investigators the facilities which the great libraries of Boston proffer, nor even those which the wealthy and well equipped library of Malden has at its disposal. Moreover there is reason to hope that in a few years some system of interchange will be arranged, whereby these facilities can be offered to scholars of towns other than the one where the library happens to be located. The trustees try, to the limit of their means, to keep the library well supplied with a good collection of English works, with a large selection of the best periodical literature, with the most comprehensive and latest books of reference. Larned's "History for Ready Reference and Topical Reading," which gives the history of all countries in brief and comprehensive selections from the best historians of those countries, has been bought for the reference library. The "Cyclopedia of Names," which gives the pronunciation and derivation of names in biography, geography, mythology, art and archeology, has been bought, and the "Standard Dictionary" which tells all about the words and many idiomatic phrases in use among the English speaking peoples.

The trustees wish to remind the citizens that the library is the proper repository for any book, in manuscript or print, about Melrose. Has anyone a scrap book of written fragments concerning the town, or any family in the town; any genealogical or church records, complete or unfinished; any club records? The library will receive and take care of all such and they will be of value when our beginnings shall have become ancient history.

The Horatio Nelson Perkins fund has accumulated during the year as has the William Emerson Barrett fund.

We kindly thank those who have given to the library and reading room books and periodicals during the year.

By an agreement between the selectmen, the Y. M. C. A. and the trustees, a room for the library and reading room has been rented in the new building nearly completed on Main street. The library will take possession as soon as the town has fitted it up, in March or April it is hoped. The expenses will be slightly increased in the new quarters. From 1890 each year the trustees have asked for the same sum, though the demands have been constantly more pressing; the circulation is larger than then by more than 10,000. The trustees hope they will not be thought unreasonable if they respectfully ask for 1895 an appropriation of \$1,500 and the dog tax.

Respectfully submitted,

MARY L. CHARLES,

Secretary.

CHARLES A. PATCH,
RUBY F. FARWELL,
ELBRIDGE H. GOSS,
CHARLES C. BARRY,
MARY L. CHARLES,
GEORGE E. MUNROE,

Trustees.

STATEMENT OF THE HORATIO NELSON PERKINS FUND.

JANUARY 1, 1894, TO JANUARY 1, 1895.

CR.

By balance on hand Jan. 1, 1894,	.	.	.	\$526 54
Interest from Melrose Savings Bank,	.	.	.	21 26
				\$547 80

DR.

Balance on hand,	.	.	.	.	.	\$547 80
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STATEMENT OF THE WILLIAM EMERSON BARRETT FUND.

JANUARY 1, 1894, TO JANUARY 1, 1895.

CR.

By balance on hand Jan. 1, 1894,	.	.	.	\$69 46
Interest from Melrose Savings Bank,	.	.	.	2 78
				\$72 24

DR.

Balance on hand,	.	.	.	.	.	\$72 24
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CATALOGUE FUND.

CR.

By balance on hand Jan. 1, 1894,	.	.	.	\$499 24
Fines collected by librarians in 1894,	.	.	.	128 30
From appropriation,	.	.	.	150 00
Interest from Melrose Savings Bank,	.	.	.	20 64
				\$798 18

DR.

Balance on hand,	.	.	.	.	.	\$798 18
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Respectfully submitted,

CHARLES A. PATCH,

Treasurer.

STATISTICS FOR 1894.

No. of volumes in the library Jan. 1, 1894,	.	10,193
“ purchased in 1894,	411,	
“ donated in 1894,	12,	
	—	423
“ in the library Jan. 1, 1895,	.	10,616
No. of persons using library Jan. 1, 1894,	.	1,300
“ cards issued in 1894,	548,	
“ “ “ in 2d registration,	314,	
	—	
	862,	
“ “ relinquished in 1894,	46,	
	—	816
“ persons using library Jan. 1, 1895,	.	2,116
No. of volumes replaced in 1894,	.	103
“ rebound in 1894,	.	672
No. of magazines bound in 1894,	.	46
Largest number of books issued in one day	.	472
Smallest “ “ “ “	.	39
Whole number of books issued in 1894,	.	41,298
“ “ “ sent to Highlands,	.	1,921
No. of persons using the reading room in 1893,	.	15,641
“ “ “ “ 1894,	.	19,313
Largest number of visitors in one month,	.	2,201
Smallest “ “ “ “ “	.	1,042
Largest “ “ “ in one day,	.	143
Books brought from library for use in reading room,	.	302
Books taken on teachers' card,	.	149
No. of days library and reading room open in 1894,		

PERIODICALS IN READING ROOM.

- American Agriculturist.
American Architect and Building News.
Arena.
Around the World, Miss Mary L. Charles.
Art Amateur.
Art Interchange. .
Atlantic Monthly Magazine.
Century Monthly Magazine.
Chatauquan.
Cosmopolitan Magazine.
Critic.
Eclectic Magazine.
Engineering, Mr. W. H. Wiley.
Family Magazine, Mr. Frank Harrison.
Forest and Stream.
Forum.
Gartenlaube.
Harper's Monthly Magazine.
 " Bazar.
 " Weekly.
 " Young People.
Kindergarten Magazine.
Land of Sunshine, F. A. Patten & Co.,
Le Francais.
Library Journal.
Life.
Lippincott's Monthly Magazine.
Littell's Living Age.
London Illustrated News.
Literary World, Mr. Daniel Jefferson.
Nation.

North American Review.
 New England Magazine.
 Outing Monthly Magazine.
 Overland.
 Popular Science Monthly.
 Popular Science News, Miss Mary L. Charles.
 Review of Reviews, Mrs. Ruby F. Farwell.
 Scientific American.
 Scientific American Architect and Builder.
 Scientific American Supplement.
 Scribner's Monthly Magazine.
 Shorthand Magazine, Mr. Frank Harrison.
 St. Nicholas Magazine.

PAPERS IN READING ROOM.

Charleston News and Courier.
 Chicago Inter-Ocean.
 Christian Register.
 Cincinnati Gazette.
 London Weekly Times.
 Louisville Weekly Courier Journal.
 Melrose Journal, Charles H. Adams.
 Melrose Reporter, Dunton & Potter,
 National Tribune, G. A. R.
 New York Tribune, Weekly.
 Pilot.
 San Francisco Call.
 Springfield Republican, Weekly.
 Woman's Journal, Mrs. Mary A. Livermore.
 Youth's Companion.

DONATIONS.

Books.

The University Library,	William F. Poole.
History of Town of Harvard, Mass.,	Warren Hapgood.
History of New England Woman's Club,	Miss S. A. Cheever.
History of 52d Reg. Mass. Volunteers,	State.
Fainalls of Tipton,	Virginia W. Johnson.
Tulip Place,	"
House of Musicians,	"
Terra-Cotta Bust,	"
Animals' Rights,	American Humanitarian League.
A Common Man,	Mrs. Sibley.
Gudrun.—A Mediæval Epic,	Miss Mary P. Nichols.
King's Handbook of New York City,	Mr. Isaac Emerson.
Littell's Living Age for 1892-1893,	Miss S. A. Cheever.
Popular Science Monthly for 1892-1893,	"
Official Catalogue of Exhibition at	
Chicago of the German Empire,	Mr. H. S. Libby

Pamphlets.

Number of pamphlets in library, Jan. 1, 1894,	1,572
Annual report of the Boston public library,	1
" " " Brockton	1
" " " Concord	1
" " " Hopedale	1
" " " Malden	1
" " " Manchester	N. H. 1
" " " Newton	1
" " " Quincy	1
" " " Saugus	1
" " " Somerville	1
" " " Springfield	1
" " " Waltham	1

Carried forward, 1,584

<i>Brought forward,</i>	1,584
Annual Report of the Woburn	1
“ “ “ Peabody Insitute	1
The Tuftonian.	12
Official Gazette of the U. S. Patent Office,	52
Literary Sketches of Argentine Writers, S. P. Langley,	1
Report of the National Divorce Reform League,	1
Webster on Protection, Rev. W. C. Wood,	1
Modern Taxation and the Single Tax, Thomas Hill,	1
Henry G. Pearson, a Memorial Address, E. L. Godkin,	1
American Temperance University Year Book, A. M. Burr,	1
Indians and Indian School,	1

 1657

CARRIE M. WORTHEN, Librarian.

Statistics of Births, Marriages and Deaths

REGISTERED IN THE TOWN CLERK'S OFFICE

FOR THE YEAR 1894.

	Births.	Marriages.	Deaths.
January,	21	8	17
February,	18	4	14
March,	22	8	13
April,	29	7	29
May,	23	3	14
June,	28	14	17
July,	31	3	15
August,	24	8	13
September,	26	14	14
October,	28	14	10
November,	18	14	15
December,	19	10	19
	287	107	190

INTENTIONS OF MARRIAGE RECORDED.

No. of couples,	106
Both parties residing in Melrose,	50
But one party residing in Melrose,	52
Neither party residing in Melrose,	4
	106

BIRTHS.

Number registered,		287
More than last year,	49	
Males,	157	
Females,	130	
		287
Born in Melrose,	278	
" elsewhere,	9	
Born of American parents,	141	
" Foreign parents,	84	
" American father and foreign mother,	30	
" Foreign father and American mother,	32	
		287

MARRIAGES.

Whole number of couples registered,		107
Less than last year,	23	
Both parties American,	59	
Both parties foreign,	29	
American and foreign,	19	
		107
First marriage of persons,		183
Second marriage of persons,		26
Third marriage of persons,		4
Fourth marriage of persons,		1
		214

DEATHS.

Whole number registered,	.	.	.	.	.	.	190
More than last year,	.	.	.	.	32		
Males (married),	.	.	.	.	.	37	
Females “	.	.	.	.	.	26	
Widowers,	.	.	.	.	.	7	
Widows, ..	.	.	.	.	.	24	
Males (single),	.	.	.	.	.	10	
Females, “	.	.	.	.	.	15	
Male children,	.	.	.	.	.	40	
Female children,	.	.	.	.	.	31	
						—	190

Under one year (still-born or premature birth 11), 45

From 1 to 5,	.	.	.	.	.	.	15
“ 5 to 10,	.	.	.	.	.	.	5
“ 10 to 20,	.	.	.	.	.	.	11
“ 20 to 30,	.	.	.	.	.	.	14
“ 30 to 40,	.	.	.	.	.	.	13
“ 40 to 50,	.	.	.	.	.	.	9
“ 50 to 60	.	.	.	.	.	.	17
“ 60 to 70	.	.	.	.	.	.	24
“ 70 to 80	.	.	.	.	.	.	24
“ 80 to 90	.	.	.	.	.	.	10
“ 90 to 96	.	.	.	.	.	.	3
						—	190

JURORS DRAWN DURING THE YEAR.

February 6, 1894,	.	.	.	.	Clifton Fletcher.
"	.	.	.	.	David Baker.
March 6, 1894,	.	.	.	.	Edwin C. Abbott.
"	.	.	.	.	Joseph Edwards.
April 10, 1894,	.	.	.	.	James H. Fernald.
June 11, 1894,	.	.	.	.	Chase C. Worthen.
"	.	.	.	.	Erastus A. Waitt.
August 21, 1894,	.	.	.	.	Curtis S. Gordon.
"	.	.	.	.	L. Frank Hinckley.

DOG LICENSES 1894.

Total number issued,	.	.	.	.	.	.	510
Less than last year,	.	.	.	.	19		
Males,	.	.	.	.	.	.	463
Females,	.	.	.	.	.	.	46
Breeders,	.	.	.	.	.	.	1
						—	510
Paid county treasurer ;							
June 1, 1894,	.	.	.	.	.	.	\$530
Nov. 20, 1894,	.	.	.	.	.	.	549
						—	\$1,079



PLAN OF SEWERS
BUILT AND UNDER CONTRACT
1894.
TOWN OF MELROSE

SETH BENSON
L. FRANK HINCKLEY, COMMISSIONERS
JOHN LARRABEE

WALTER C STEVENS,
ENGINEER.
FRANK L ALLEN,
CONTRACTOR.

SCALE 1 IN. = 250 FT.



0 10 20 30

Scale in feet

REPORT OF THE BOARD

OF

SEWER COMMISSIONERS

OF THE

TOWN OF MELROSE, MASS.,

FOR THE

FINANCIAL YEAR ENDING DECEMBER 31, 1894.

MELROSE:

DUNTON & POTTER, PRINTERS, REPORTER OFFICE.

1895.



REPORT OF SEWER COMMISSIONERS.

To the Citizens of Melrose:

Your commissioners submit herewith their first annual report. Elected to office March 5, 1894, our first public duty was the opening of bids on March 24, which were for the construction of section five, and a portion of sections two and eight of the sewer, plans and specifications for all of which had been obtained under the direction of a committee appointed by the town; the plans, specifications, form of contract, etc., had also been accepted by the town, and authority given the committee to advertise for proposals for the construction of that portion of the sewer referred to. In response to their advertisements thirteen bids were presented, which are tabulated elsewhere, showing a wide variance in prices for the labor involved. Nearly a month was spent by the board in investigating and visiting communities where similar work had been performed by the parties who had submitted proposals, and after consultations with engineers of experience, on April 20th it was decided that the bid from Frank L. Allen, of Worcester, Mass., be accepted. Shortly after we received notice from James A. Heath & Son, of Lynn, Mass., that a suit had been entered by them for an action of contract; inasmuch as we had never awarded Messrs. Heath & Son the contract, and the committee had caused to be placed in their advertisement this clause: "The committee or board having charge of the awarding of contracts are allowed, and the right is reserved, to reject any and all bids," we have failed to comprehend what cause they can have for their action.

In May the work was begun at the junction of Grove and Main streets, and has progressed continually until the present time; we regret that it was not completed before the close of the financial year, but owing to delays which seemed unavoidable, the contractor was unable to finish as anticipated, unforeseen difficulties, such as pumping immense quantities of water, the removal of quicksand, which could only be stayed in many instances by double sheeting with plank, have occasioned delays and greatly inconvenienced the public.

We feel justified in saying that the work has been well and faithfully performed, and with as much promptness as could be reasonably expected in a work of so great magnitude and under such difficulties.

MATERIAL FOR CONSTRUCTION.

All the material necessary has been furnished the contractor by the town. Bids were received for the furnishing of drain pipe, to be delivered f. o. b. cars at Melrose, as follows:

Perrin, Seamans & Co., of Boston; on 15, 18, 20 and 24 inch pipe 60 per cent. discount, and on 6, 8, 10 and 12 inch pipe 70 per cent. discount from manufacturer's standard list.

Portland Stone Ware Co., of Boston; on standard pipe 75 per cent. discount; pipe according to specification of engineer, extra length and thickness, 70½ per cent. discount; special heavy pipe, their own design, 66 per cent. discount.

Kennedy, Kling & Co., of Pittsburgh, Pa.; No. 1 fire clay, vitrified pipe, from Ohio river, made as per specifications of engineer, extra length and thickness, 68 per cent. discount from list; standard pipe, all sizes, on No. 1, 75 per cent. discount from list; on No. 2, 78½ per cent. discount from list.

Samples were submitted by each bidder. Believing that

the pipe made by the last named firm was equal, if not superior in strength, which in pipe of large capacity is a most important requisite, we awarded them the contract.

Iron man hole covers and rings have been furnished by Osgood & Hart, of Charlestown district, Boston, their price being the same as the Concord Foundry Co., of Concord, N. H., with the additional advantage that they have delivered all their work where directed along the lines of sewer without charge for teaming.

331,123 brick have been bought of the Bay State Brick Co., and in N. H. 1,578 bbls. of Portland cement and 641 bbls. of Rosendale cement have been used, all of which were purchased in car load lots, sent direct at lowest possible prices. The use of Portland cement has increased the cost of the work, but will repay the outlay in durability and lasting qualities.

Gravity flushers have been put in place at ends of pipes in courts and places, which are highly commended by the engineer; they are a new invention designed to overcome the difficulty and inconvenience of flushing the sewers in cold weather especially, and it is claimed that there will also be a great saving in the amount of water necessary to flush by the old method of attaching the hose to hydrants. The flushers work automatically, require but little care, and are easily accessible through the man-holes. The importance of proper flushing will be apparent when the sewer comes into actual operation.

STOCK YARD.

The town has under consideration the securing of a location near the railroad for a receiving station for material used upon the water works, sewers and highways, and the matter has been referred to the selectmen. We were com-

pelled to take immediate action and secured a portion of the premises of S. E. Benson on Tremont street, where the pipe and cement have been unloaded from the cars and expense saved in handling the same. A building has been erected by Mr. Benson for the storage of the cement, and the town has fenced the premises ; the rental the past year has been at the rate of \$300 per annum ; if the arrangement is continued more room will be required the coming season.

LABOR.

At the town meeting held March 19, it was voted, "That in making contracts for the putting in of the proposed sewer system, the board of sewer commissioners be directed to require that in all work in this town, preference shall be given to the voters of Melrose, ; and that the rate of compensation be the same as that fixed under similar conditions for work in the highway department of this town." At the time of the passage of the above vote, advertisements had been published and a form of contract approved by the committee appointed by the town, delivered to each bidder. The bids submitted five days thereafter, were based on that form of contract. So far as we were able to learn not one of the bidders would have accepted the contract under the conditions imposed by the vote of the town. In making the contract we were enabled to insert the following: "It is understood and agreed on the part of the contractor, that in the employment of laborers upon said sewer, preference shall be given to voters of Melrose." In no instance to our knowledge has an application for work on the part of any citizen been refused, on the contrary a large number have found employment, some during the entire season.

BONDS.

By vote of the town the selectmen were authorized to petition the legislature for an act enabling the issue of bonds, and the following was passed :

[CHAPTER 323.]

AN ACT TO AUTHORIZE THE TOWN OF MELROSE TO INCUR
INDEBTEDNESS FOR THE PURPOSE OF CONSTRUCT-
ING A SYSTEM OF SEWERAGE.

Be it enacted, etc., as follows:

SECTION 1. The town of Melrose for the purpose of defraying the expense of laying, making and maintaining a system of main drains and common sewers, is hereby authorized to issue from time to time as may be required therefor, bonds, notes or scrip to an amount not exceeding one hundred thousand dollars. Such bonds, notes or scrip shall bear on their face the words, Melrose Sewerage Loan, Act of 1894, shall be payable at the expiration of periods not exceeding thirty years from the date of issue, shall bear interest payable semi-annually at a rate not exceeding four per cent. per annum, and shall be signed by the treasurer and countersigned by the sewerage commissioners of the town. The said town may sell such securities or any part thereof from time to time, at public or private sale, but none of said bonds, notes or scrip shall be issued or sold except in compliance with the vote of the town, nor for less than the par value thereof.

SEC. 2. The receipts from payments, assessments and from such annual rates for the use of such sewers as said town may by vote establish, after deducting the expenses, shall be applied, first to the payment of the interest upon the bonds, notes or scrip issued under the authority of this act

not otherwise provided for, and the balance shall be set apart to meet the requirements of the sinking fund for the payment or redemption of said bonds, notes or scrip as provided by section nine of chapter twenty-nine of the Public Statutes. If the said receipts in any year shall be insufficient to pay the interest on said bonds, notes or scrip, and to meet the requirements of law as to said sinking fund, then in such case the town, to meet said deficiency, shall raise forthwith such sum as will with said net income be sufficient to meet said requirements. Said sinking fund shall remain inviolate and pledged to the payment and redemption of such bonds, notes or scrip, and shall be used for no other purpose.

SEC. 3. The board of sewerage commissioners of said town on the written request, made within three months after notification of assessment, of any owner of an estate assessed by said commissioners for its proportional part of the charge of making and maintaining such main drains or common sewers, shall apportion such assessment into such number of equal parts or instalments, not exceeding five, as said owner shall state in such request, and said board shall certify such apportionment to the assessors of said town, and one of said parts or instalments, with interest from the date of said apportionment at the rate of five per cent. per annum, shall be added by the assessors to the annual tax on such estates for each year next ensuing until all said parts have been so added and paid : *provided*, that nothing herein contained shall be construed to prevent the payment at any time in one payment of any balance of said assessments then remaining unpaid, notwithstanding such prior apportionment. All liens for the collection of such assessment shall continue until the expiration of two years from the time when the last instalment is added by the assessors and remitted to the collector.

SEC. 4. This act shall take effect upon its passage. [*Approved April 27, 1894.*]

At a town meeting held May 7, 1894, it was unanimously voted to issue under authority of the above act, 100 bonds of \$1000 each, bearing date of June 1, 1894, payable in 30 years, with interest at rate of 4 per cent. per annum, payable semi-annually, and the town treasurer was authorized to sell seventy-five of said bonds to the highest bidder. July 16, 1894, fifty bonds were sold at a premium of 6.321, or a total premium of \$3,160.50 and accrued interest, amounting to \$261.11; twenty-five bonds were sold at a premium of 6.61, or a total premium of \$1,652.50 and accrued interest, amounting to \$455.57, the sum total being \$80,529.68.

If the construction of the sewer be continued the coming year as recommended by your commissioners, another issue of bonds will be required.

HOUSE CONNECTIONS.

Early in the season we received a request from the selectmen that the service pipes connecting houses with the main drain be laid on Main street to the street line at the same time the main pipes were laid, but owing to the unsettled condition of the streets it was not deemed feasible. The board has no power to compel persons owning estates to connect their drains with the sewer, however much it might be deemed desirable. That our citizens may understand wherein the power lies, we quote from the laws in relation to this matter.

1889.

[CHAP. 108.]

AN ACT ENABLING TOWNS TO AUTHORIZE BOARDS OF HEALTH
TO ENFORCE REGULATIONS CONCERNING HOUSE DRAINAGE.

Be it enacted, etc., as follows:

SECT. 1. Any town may authorize its board of health to

make and enforce in such town such regulations as said board may deem necessary for the safety and health of the people with reference to house drainage and its connection with public sewers, where a public sewer abuts the estate to be drained. Whoever violates any such regulation shall forfeit a sum not exceeding one hundred dollars.

SECT. 2. This act shall take effect upon its passage. [*Approved March 13, 1889.*]

1890.

[CHAP. 132.]

AN ACT TO PROVIDE FOR CONNECTING BUILDINGS WITH PUBLIC SEWERS.

Be it enacted, etc., as follows:

SECT. 1. Every building situated on a public or private street, court or passageway, in which there is a public sewer, shall, when required by the board of health of the city or town in which it stands, be connected by a good and sufficient particular drain with such public sewer.

SECT. 2. Any person owning, leasing or maintaining any building not connected with a public sewer as provided in the preceding section shall be punished by a fine not exceeding two hundred dollars.

SECT. 3. This act shall take effect upon its passage. [*Approved March 28, 1890.*]

It will be seen by the above that the town by vote can authorize the board of health to make such regulations as will abolish cesspools and privies, particularly in the thickly settled portions of the town. We respectfully suggest that action be taken at the coming meeting.

ENGINEER AND ASSISTANTS.

The plans and specifications for the entire sewer system for Melrose were prepared by Walter C. Stevens, C. E., under con-

tract with the committee appointed by the town for that purpose. For the execution of the work as planned, your commissioners found it necessary to employ an engineer with assistants to give grades, levels, etc., also to supervise the work until complete. Believing that it would be for the interest of the town if all the engineering work needed in the several departments could be combined, we conferred with the selectmen and an arrangement was made whereby we engaged the services of Mr. Stevens, to do any work required of him for one year from May 1, at a salary of \$1,500 per annum, with the understanding that the selectmen would allow the sum of \$500 from the highway or sidewalk appropriations. This arrangement has not been wholly satisfactory to the selectmen, and it has cost this department much more than the amount allowed to execute the work required. The importance of having proper plans of every street, showing location not only of sewer pipes, but of water and gas pipes, street railway tracks, the grades of each street, distance of buildings, location of services, etc., will be realized in the near future.

Our purpose was to begin the establishment of an engineer's office, to which each department could apply for information, and the work has been carried forward with that end in view. Visiting a neighboring city we were shown plans extending over several years which were valued at many thousands of dollars. We trust that the matter will be deemed of sufficient importance as to demand action by the town that will insure an economical expenditure in the future, and as a direct result plans of record which will always be accessible. We have purchased instruments and apparatus necessary, and the engineer has a temporary office in what is known as the tower room over the main entrance to the Town Hall.

INSPECTORS.

The cost of inspection has been large. In the progress of the work the town has been represented on each line or trench by a competent person whose duty was to see that the work was performed according to the specifications in detail, and who also kept an accurate account of the work and the material used. We consider ourselves fortunate to have had in general charge of this important branch W. Dabney Hunter, who had previously had experience as assistant engineer in Waltham, and as inspector in Cambridge and Malden. He has had the oversight of all the other inspectors, and has ably assisted the engineer.

The inspection of pipe at the stock yard required much time and labor, at considerable expense but was a necessity.

LAW SUITS AND CLAIMS.

An action has been brought against the town by Mr. Thomas J. Ryder for injuries received at corner of Foster and Willow streets, alleged to have been caused by insufficient lighting and proper guarding of the trench. Other suits have been brought against the contractor, who is held responsible under the contract, and has given good and sufficient bonds.

We have paid Mrs. Christina Coburn the sum of \$50 in settlement of damages to her property on Grove street, claimed to have resulted from the excavating for sewer and the pumping of water, the premises having settled whereby repairs were made necessary.

ASSESSMENTS

The Statutes provide (Chapter 50, Sect. 4,) that the legal voters of a town may adopt a system of sewerage for a part or

the whole of its territory, and may provide that assessments shall be made upon owners of estates within such territory, by a fixed uniform rate, based upon the estimated cost of the sewer therein, according to the frontage of such estates on any street or way where a sewer is constructed, or according to the area of such estates within a fixed depth from such street or way, or according to both such frontage and area.

By an act passed in 1892, chapter 245, it is provided that the part to be paid by the city or town shall in no case be less than one-quarter nor more than two-thirds of the estimated cost. Various plans have been adopted by neighboring cities and towns; we cite the following from three cities which are regarded as progressive communities. The first city passed an ordinance in 1890 which assessed the whole of the estimated cost on the abutters, and fixed the rate of assessment at sixty cents per front foot, and six mills per square foot of area back to 180 feet from the street with an exemption for corner lots of sixty feet of frontage on second street. In 1892, after the passage of the act previously referred to, the city assumed one quarter of the cost and assessed the other three-quarters on the abutters at the rate of fifty cents per front foot and six mills per square foot back to 180 feet, with an exemption for corner lots of 100 feet frontage on second street. In 1893 another revision was made, whereby the city assumed *one-half* the estimated cost of the system and assessed the other half on the abutters, the rate being fixed at fifteen cents only per front foot and five and a half mills per square foot of area back to 180 feet, the question of corner lots being left to the option of the board in reference to any exemption of frontage on second street.

The second city having determined that the estimated cost of their system per running foot was \$2.75, levied a

uniform assessment of fifty cents per foot of frontage and no more. They afterward made an exemption for corner lots of not exceeding sixty feet on second street or way ; estates abutting on blind courts or ways not extending through from one public street to another, an exemption of not exceeding forty feet.

The third city, by a special act of the legislature, are permitted to assess one-half of the estimated average cost of all the sewers in the system upon the estates as follows : one-half of the amount to be assessed (or a fourth of the estimated cost), is assessed according to the value of the land, and the other fourth of the estimated cost on the area of the land within a fixed depth.

It is evident that the benefits to be derived from a sewerage system are partly public and partly private. The first must be met by general taxation and has been fixed by law at not less than one-fourth nor more than two-thirds of the total cost of the system, the problem is how to arrange that the assessment for private benefits shall be levied so that it may be fair, just and equitable. Either the frontage or area plan *alone*, will not meet the requirements. It can be readily seen that differences in shape of lots may allow several houses on one lot and only one or two on another, each lot having the same area or frontage as the case may be.

The acts of 1892, chapter 245, section 1, provide that towns "may by vote establish just and equitable annual charges or rents for the use of such sewers to be paid by every person who enters his particular sewer into the common sewer, and may change the same from time to time." They also provide for the collection of such charges or rentals and furthermore that money so received may be applied to the cost of maintenance and repairs or to the payment of debts contracted for sewer purposes. From this and kindred legisla-

tion, we conclude that the intent of the laws are to provide for the equitable apportionment of the benefits derived and the methods of payment for such benefits, which we will classify as follows :

First, the benefit to the town as a whole by having a proper sewer system, which we will designate as a "public benefit" represented by whatever sum is levied in the general tax levy without regard to the location of the sewers.

Second, the benefit to estates or "private benefits" in enhancing the value of the estate without regard to whether the sewers are used by the owner of land or not, represented by the proportionate part of the first assessment along the lines of streets where the sewer is already laid either by the frontage or area plan or both.

Third, benefits from "actual use" of the sewer to be met by annual fixed charges or rentals in the same manner as payments are now made for the use of water, and as the charges for water vary as to the amount used, so the charges for rentals of sewers should also be varied in proportion to the amount of sewage contributed. If the town supplied water by the meter system this could be more readily ascertained.

Definite plans, based on engineer's estimates, will be presented to the town for action, upon the first two methods of payment.

COURTS OR PRIVATE WAYS.

Acting under the authority given by Chapter 50, Section 2, Public Statutes, as amended by the Acts of 1893, Chapter 423, Section 24, notice having been served on the owners of the land and premises adjoining, and a hearing granted, we have laid out for public use a main drain or common sewer within the private ways known as

Allen court or place.	Emerson place.
Benson court.	Faulkner place.
Berwick court or place.	Felton place.
Boston & Maine R. R. land.	Grove place.
Cass street.	Ingalls court.
Central terrace and land of H. A. Leonard.	Kimball court.
Crescent place.	Larrabee place.
Dill's Court.	Perham avenue.
Eastman and Fields courts.	Stevens place.
	Upham court.

The above will be reported to the town for acceptance at the annual meeting.

The North Metropolitan system will probably be in operation this year, possibly in April next, when this town will be allowed to discharge its sewage into the system. Connection has been made with the main line at the junction of Wyoming avenue and Pleasant street. Assuming that the town will continue the extension of its system, we recommend that section 4 and a part of section 7 which includes all that district west of the B. & M. railroad and lying between Russell street and Spot pond brook on the south, and Perkins street on the north, be next constructed. We append report of Mr. Stevens, engineer, and a financial statement of all expenditures to Jan. 1, 1895.

Respectfully submitted,

SETH E. BENSON,
L. FRANK HINCKLEY,
JOHN LARRABEE,

Sewer Commissioners.

FINANCIAL STATEMENT.

SALE OF BONDS.

C. R. Selee, photographing Town Hall for cut, .	\$1 50
Frank G. Bufford, printing bonds, . . .	100 00
Melrose Journal, advertising sale, . . .	3 88
Boston Journal, " " . . .	26 95
Boston Transcript Co., advertising sale, . .	24 60
Boston Daily Advertiser, " " . . .	26 00
	\$182 93

EXPENDED BY COMMITTEE.

Walter C. Stevens, plans as per contract, . .	\$994 00
Globe Newspaper Co., advertising, . . .	23 62
Boston Herald Co., " " . . .	16 25
Boston Journal, " " . . .	14 00
Engineering Record, " " . . .	19 20
" News, " " . . .	20 00
Boston Daily Advertiser, " " . . .	8 00
" " Record, " " . . .	12 00
Melrose Journal, printing reports and contracts,	223 78
	\$1,330 85

OFFICE FURNITURE AND EXPENSES.

Orpin Brothers, desk and chairs, . . .	\$39 75
W. A. Goodno, carpenter work, . . .	47 10
D. R. Woodward, " " . . .	16 50
H. C. Dimond, rubber stamps, . . .	2 85
A. W. Parker, sign, . . .	2 75
<i>Amount carried forward,</i> . . .	\$108 95

<i>Amount brought forward,</i>	\$108 95
Melrose Journal, printing and stationery,	16 25
Dunton & Potter, printing and stationery,	100 25
King & Merrill, stationery,	16 76
Edward A. Hammond, books,	9 00
W. D. Hunter, stationery,	12 38
J. L. Fairbanks, books, etc.,	10 75
Geo. C. Stantial, copying,	2 00
C. S. Brainard, " , , ,	1 00
O. F. Lapham, cleaning office,	1 50
Telephone service,	14 25
	\$293 09

ENGINEERING AND SURVEYING.

Office Expenses.

Frost & Adams, instruments and material,	\$190 28
Chas. C. Hutchinson, instruments,	197 75
A. E. Martell & Co., material,	2 00
Little, Brown & Co., books,	2 70
Diebold Safe Co., safe,	35 00
J. Manning & Co., moving safe,	6 00
Orpin Bros., furniture, , , ,	29 00
A. W. Parker, painting,	10 35
W. A. Goodno, carpenter work,	38 85
J. J. McCullough, hangings,	10 80
H. C. Dimond, rubber stamp,	75
Carter & Shepherd, stationery,	3 70
Geo. E. Fuller, cleaning room,	2 00
	\$529 18

Engineers' Services.

Walter C. Stevens, previous to May 1,	\$78 00
“ for assistants furnished,	104 50
“ salary, 8 months,	1,000 00
Winslow Blanchard, plans, etc.,	32 75
Charles F. Woodward, services,	528 75
Arthur G. Worthen, services,	428 20
	\$2,172 20

INSPECTORS,

W. D. Hunter, general inspector, services 7 mos., 11 days,	\$920 21
Other inspectors on line of sewers,	2,196 80
Inspection of pipe at stock yard,	405 70
	\$3,522 71

LABOR, PRINCIPALLY AT STOCK YARD AND FOR TEAMING PIPE,
CEMENT, ETC.

Laborers' pay rolls,	\$1,009 81
Teamsters and teams, pay rolls, ,	720 80
	\$1,730 61

CONTRACT AND MATERIAL.

Frank L. Allen, contractor, on acct.,	\$39,536 40
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Pipe.

Kennedy, Kling & Co.,	\$7,796 67
Portland Stone Ware Co.,	671 21
Waldo Brothers,	13 09
Perrin, Seamans & Co.,	86 99
E. E. Locke,	63
David W. Lewis,	56 73
C. B. & F. H. Goss,	12 02
G. F. Frost,	7 50
	8,644 84
<i>Amount carried forward,</i>	
	\$48,18 24

Cement.

<i>Amount brought forward,</i>			\$48,181 24
Waldo Brothers, 1,445 bbls. Portland,		\$2,832 20	
Bryant & Kent, 110 "		228 00	
E. E. Locke, 23 "		59 80	
Bryant & Kent, 550 bbls. Rosendale,		500 50	
E. E. Locke, 20 "		24 00	
S. E. Benson, 71 "		74 23	
			3,718 73

Bricks.

Bay State Brick Co., 151,200 bricks,	\$1,375 52	
S. E. Benson, 3,000 bricks,	21 90	
Edmond Page, 176,923 bricks,	884 63	
		2,282 05

Freight.

Boston & Maine R. R. Co., on pipe, cement and bricks,	4,294 58
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Expressing.

Eastman's Express,	\$57 15	
American Express,	1 65	
W. A. Cole,	3 25	
		62 05
Perrin, Seamans & Co., 1,851 lbs. jute,		88 33

IRON WORK AND SUNDRIES.

Osgood & Hart, regulator,	\$95 00	
Rings and covers,	828 66	
40 sets arches,	347 75	
51 20-gallon flusher tanks,	77 50	
29 50-gallon flusher tanks,	348 00	
		1,696 91
<i>Amount carried forward,</i>		\$60,323 89

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<i>Amount brought forward,</i>		\$60,323 89
Lockwood Mfg. Co., 5 flusher tanks,		68 85
Brock Bros., repairs,		2 15
D. R. Woodward, carpenter work,		5 18
N. E. Water Pipe Co., pipe and couplings,		7 52
Scrannage Bros., bibb cocks,		15 00
Water department, labor and material,		122 85
Thos. McCoubry, manhole rods and bolts,		169 10
S. M. Scribner, hardware,		6 05
H. J. Perry, hardware and paints,		52 87
Joseph Edwards, pipe hangers and irons,		34 90
S. E. Benson, lime, etc.,		4 70
W. H. Wells, 14 loads gravel,		1 40
F. G. Houghton, cheese cloth,		5 84
G. L. Westgate & Son, cheese cloth,		22 83
Hurd & Co., cheese cloth,		1 50
S. D. Farrar, oil suit,		4 00
O. R. Chase, carriage hire,		6 00
J. P. Deering, lumber,		65 26
		\$60,919 89

CLAIMS.

Mrs. Christina Coburn, damages,	50 00
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SALARIES.

S. E. Benson, commissioner one year,	\$50 00
L. Frank Hinckley, commissioner one year,	50 00
John Larrabee, commissioner one year,	50 00
	\$150 00

INTEREST.

\$75,000.00 bonds, six months, 4 per cent.,	\$1,500 00
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RECAPITULATION.

Sale of bonds,	\$182 93
Expended by committee,	1,330 85
Office furniture and expenses,	293 09
Engineer, office expenses,	529 18
Engineers, services,	2,172 20
Inspectors, services,	3,522 71
Labor and teams,	1,730 61
Contract and material,	60,919 89
Claims,	50 00
Salaries of commissioners,	150 00
Interest on bonds,	\$1,500 00
	\$72,381 46

CONTRA.

Bonds issued,	\$75,000 00
From premiums,	4,813 00
From accrued interest,	716 68
	\$80,529 68
Received on account of engineer's services to other departments,	\$375 00
	\$80,904 68
Balance unexpended,	\$8,523 22
	\$80,904 68

There is due F. L. Allen, contractor, for work performed in January and February the sum of \$3,584.58, and upon completion of the contract the amount held in reserve, viz : \$6,986.42, making a total sum due him of \$10,571.00

Estimated value of pipe, cement, etc., on hand,	\$2,597 18
Office furniture,	100 00
Engineer's instruments, etc.,	450 00
	\$3,147 18

ENGINEER'S REPORT.

MELROSE, Jan. 21, 1895.

To SETH E. BENSON, L. FRANK HINCKLEY and JOHN LARRABEE, *Board of Sewer Commissioners of the town of Melrose:*

GENTLEMEN:— I herewith offer for your consideration a report of the construction of sewers in Melrose during the past season.

The contract was let to Mr. Frank L. Allen, of Worcester, who commenced work with a small gang of men at the junction of Main and Grove streets in May, 1894. This introduction to the subterranean conditions of the centre of our town proved that they were worse than was anticipated, for even in the dry weather that then prevailed we found an abundance of ground water, and this, together with very fine sand which easily gives way and runs with the slightest pressure of water. Owing to these conditions, in addition to the presence of two old abandoned culverts that held quite a body of water dangerously near; the well at this point was sunk with difficulty, the bottom of same being reached twice when with a rush of water (from these old waterways), the sand boiled up in the bottom and filled the well from two to three feet with the fine sand which had to be removed the third time, when it was finally secured with a good foundation of concrete, where brick manholes were built. The excavation for the sewer at this point was about eleven feet deep.

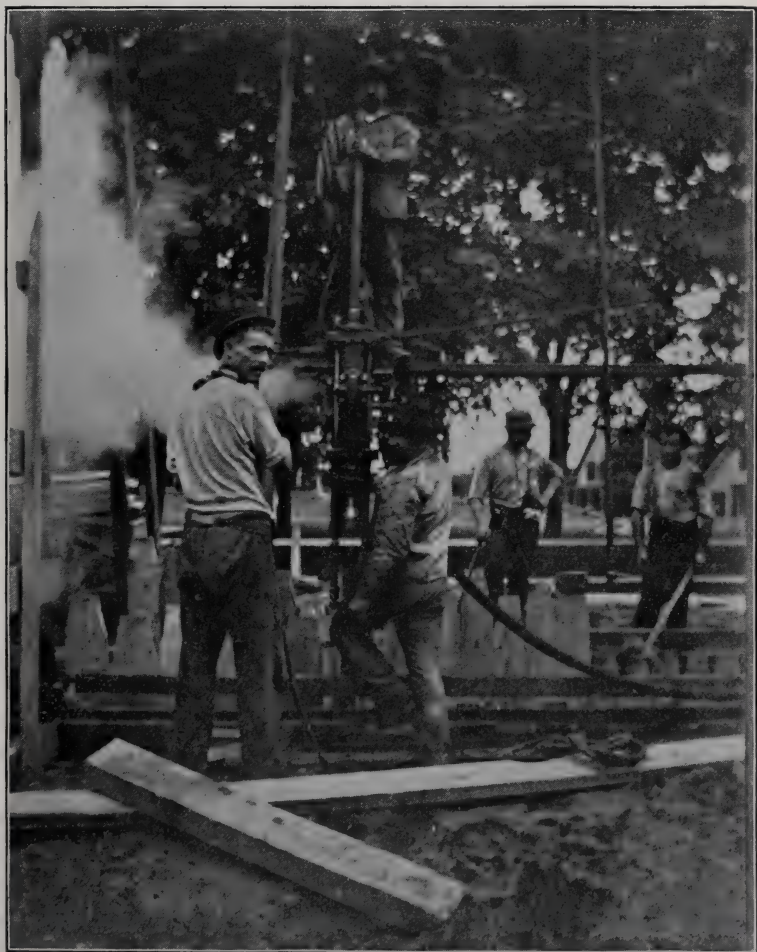
The work of laying the twenty inch sewer up Main street was carried on from here. The brook was dammed off with sand bags at the pond and again just east of Main street, and

all the water coming down the brooks was turned up the small brook in land of Mr. Geist, to a point just west of his driveway, thence it was turned through a trench three feet wide (excavated for the purpose), to the centre of Grove street, thence westerly around the manholes in Main street, and entering the brook proper just below the Grove street culvert. This allowed of the work being done in Main and Grove streets under the culverts in dry digging. In these and in all cases where sewers were laid under the brook and the railroad, the pipe was laid in and covered with concrete.

As the work proceeded northerly on Main street it ran into deeper cutting, and with this into the worst kind of material to work in. Between Foster and Upham streets the excavation averaged a little over eighteen feet in depth. After the surface gravel was taken off the balance of the cut was in sand, which became very fine as we went down; the ground water appearing at a depth of about seven feet, this, when the bottom was reached, left a head of about eleven feet of water, which, moving through this very fine sand, made things lively and dangerous at times. These conditions were aggravated by the pressure of the heavy business blocks on both sides of the street.

At a point near Foster street, just in front of Bugbee & Barrett's brick building, there seemed to be nothing that would prevent the quicksand boiling up in the trench; the banks on both sides sank from two to three feet. To cope with these difficulties I had two inch tongued and grooved plank used for second sheeting, driven about three feet below sewer grade, and this was buckled in at the bottom by the pressure all it would safely stand. It was found that it was almost impossible to drive the second sheeting deep enough by hand and the contractor procured a novel steam plank driver, which sets on top of the plank and works on the principle of a steam drill; this was a very satisfactory machine, and was used extensively throughout the deep trenches.

The accompanying illustrations show this driving machine in operation, also the hand method of driving. [See plates Nos. 1 and 2.]



(Plate No. 1.)

STEAM PLANK DRIVER.



(Plate No. 2.) MAIN STREET SEWER TRENCH.

For foundation at this place, above referred to, the excavation was carried two feet below grade, bagging was then placed on the bottom and sides and filled nearly to grade with screened gravel in which was laid an eight-inch underdrain. This gravel and drain was covered with bagging, the pipe bed being made on top of this with fine gravel. As a necessary precaution all plank was left in, properly braced, from Foster to Upham streets. I am glad to say that a recent inspection of the sewer in this place found everything in good condition.

The plan of using the bagging and about eight inches deep of screened gravel around the underdrain the full width of the trench, was carried out through the whole length of Main, Myrtle, Grove and Essex streets, where pipe from eighteen to twenty-four inches in diameter were laid. This was done for foundation and drainage, as there was everywhere very fine sand and too much water (especially when settlements would occasionally break the water mains.)

The Carson trench machine was used on Main, Myrtle, Essex and Tremont streets. The operation and advantages of these machines are so familiar to everybody in this section (where they are used so extensively), that I will simply give a view of the machine as it appeared on Main street, in July, 1894. [See plate No. 3.]

I have paid considerable attention to the laying of the underdrains, so as to have them of some practical benefit to us in the future instead of abandoning them entirely upon the completion of the sewers, as is usually done. There has been quite a large sum of money unavoidably spent for underdraining the sewers during construction ; about one-half of it, I should say, is well invested for permanent good. There has been built at Main and Grove streets, a well (close to the sewer manhole in the centre of the streets),

the bottom of which is about two feet below the level of the underdrains. Into this well the water from the underdrains which are laid in Grove and Lebanon streets and a portion of Main street runs. This rises to the level of the water in the brook and then runs through an overflow pipe from this well into the brook, thus reducing the height of the ground water to about the level of the water in the brook. This level, if carried through Grove street, easterly, becomes about the level of the sewer at Dell avenue, and from here easterly the ground water is practically reduced to below the sewer.

During construction the Lebanon street underdrain worked perfectly by gravity and as described.

Provisions have been made for extending the drains up Grove street and Third street in future construction.

Two more of these wells have been built on the same principle, one at Wyoming avenue and Hurd street and the other on Foster street just west of the culvert; the latter receives the under-drainage from Foster street (Main to Lebanon), Main street (Foster to Porter), Upham street (Main to Lebanon), Dell avenue (Upham to Foster), Winter street and Lebanon street, (Upham to Foster), with like provisions being made for extensions up Upham, First and Foster streets.

The overflow for this last described system of drains is a ten inch pipe, laid on a 1% gradient, through which the water is continually running between three and four inches deep at the present time.

On Emerson street the sewer runs under the bed of the brook (as it does in all other cases), this being laid easterly on a 1.5 % gradient.

An eight inch pipe was laid through the east wall of the culvert just above the bed of the brook and one foot south of the sewer. This was laid easterly (in the same trench



(Plate No. 3.) CARSON TRENCH MACHINE. MAIN STREET SEWER.



(Plate No. 4.) WORK ON UPHAM STREET SEWER.

with the sewer and parallel with the line of same) on a 0.5 per cent. gradient, so that when the centre of Lebanon street is reached it is enough below the sewer grade to be used as an ordinary under drain. The four inch under drains of the Lebanon street sewers were laid each way from this and operated by gravity through this clear outfall.

Provision is here made for continuing this drain up Emerson street, and thereby doing a permanent good by connecting with it the proposed underdrains of Rowe street, Hillside avenue and Bellevue avenue and relieving the ground (also some cellars and possibly wells) of the objectionable subsoil water.

The accompanying view shows the work in progress in Upham street near Main street, where the cut was about seventeen feet and was made by hand. [See plate No. 4.]

The first of the work in Myrtle street where an eighteen inch pipe sewer was laid was very slow and difficult, made so by the nature of the material with so much ground water present and the frequent breaking of the old, cement lined water pipe, this difficulty being remedied to a great extent by substituting a new cast iron water pipe for the old one.

On Berwick street, almost the worst material conditions for digging were met with ; ground-water was found four feet below the surface in most places together with very fine sand all the way down. Fortunately the cut was but twelve feet in depth.

It was impossible to carry an underdrain but a short distance at a time and when a point, about half way between Grove and Foster streets was reached, it became necessary to sink a (second) well and put in operation a six inch steam pump to handle the amount of water coming into the trench.

The settlements were so bad along parts of this trench that when we dug up part of the fifteen inch drain, which runs along side of the sewer at a depth of about five feet, to repair the same, some of the lengths of pipe were found on end and some could not be found at all, having sunk below the depth necessary to go to replace the same.

In all cases where local sewers are connected with the Metropolitan sewers, certain requirements are imposed upon the cities and towns making the connection.

These requirements have been met by us and will appear in the following description.

There was a twenty inch circular opening left in the state sewer at the junction of Wyoming avenue and Pleasant street for us to connect our sewers with. This was extended about two feet and connected with a regulator chamber about seven feet square inside (with rounded corners). The sewage is to run through a passage-way, built through the centre of this chamber, from thirty-six inches wide at the entrance to the twenty inch circle at the state sewer and twenty-five inches deep ; on each side of this passage-way there is a well or float chamber twenty inches wide, forty-six inches long and thirty-three inches deep, connected with the passage-way (at the bottom) by a four-inch square hole.

The accompanying view shows the bottom of this regulator chamber and the connection under process of construction. [See plate No. 5.]

Within these wells are contained steel floats, twelve by sixteen by thirty-six inches, which are connected together and to the end of a walking beam by a horizontal angle-iron beam, just above the water table or top of passageway and wells. On the other end of this walking beam (which is fitted on to a steel trunion rod having bearings in iron blocks set into the sides of the passageway) is an adjustable shutoff block or door, the face of which, when it moves



(Plate No. 5.) REGULATOR—AT STATE SEWER—WYOMING AVE. AND PLEASANT ST.



(Plate No. 6.) SUMP—AT WYOMING AVE. AND PLEASANT ST.

downward, comes in perfect fit with a casting, thirty inches wide and ten inches high, at the entrance of this passageway, and shuts off the sewage coming in.

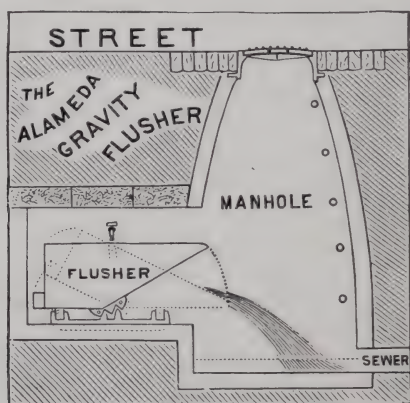
The object of this is that if the sewage in the state sewer is backed up, from any cause, to more than its capacity, these floats will rise with the rising sewage, and operate the shut-off when our sewage will be stopped at this point and backed up until it overflows through an eighteen inch pipe into the underdrain well at Wyoming avenue and Hurd street, and thence through the overflow pipe into the brook (instead of coming out of the manholes into the streets). This operation relieves the state sewer of the additional pressure of our collected sewage in case any such backing up or filling of the state sewer should occur through any accidental cause whatever, which, in my opinion, will seldom if ever happen,

From this regulator is built a twenty-inch brick sewer across Wyoming avenue into the sump chamber, which is built of brick and is five and one-half feet by seven feet inside with arched top, furnished with a manhole to the surface. Our twenty-four inch main sewer enters this chamber on the east side and the Wyoming avenue ten-inch sewer on the west side. There is a decided widening and deepening of the sewers within this chamber, the object of which is to produce a slack in the flow of the sewage and allow all solid and weighty material, such as sand, etc., to sink to the bottom of this sump, where it can be cleaned out, instead of allowing it to pass on into the state sewer and causing trouble there.

The illustration here, shows the sump in process of construction. [See plate No. 6.]

At each dead end there is constructed a recess or chamber from the manhole in which is placed an automatic gravity flusher. This is a simple tilting tank built of iron, and inge-

niously balanced upon a rocker. It is filled with water by means of a connection with the water main, and by adjusting the faucet on this connection to the desired flow it can be filled as often as needed, and every time the tank is filled it dumps its entire contents (fifty or one hundred and twenty gallons), into the end of the sewer at once. This body of water rushing into the sewers at regular intervals keeps them clear, and tends to keep the temperature down, thus obviating, to a great extent, the chances of gas forming within the sewer.



Flushing is indispensable in the proper maintainance of sewers, and in most places is done by a gang of men who go from place to place with fire hose and flush the sewers through the manholes by connecting with the hydrants. It is plain to be seen that but one place at a time can receive the attention of this gang, and when the number of dead ends reaches 200 or 300 only a small portion of them can be attended to each day, and the chances are that in course of time this gang is required to attend to cases that have been neglected so long that their condition has become dangerous, and then they have to use from four to ten times the amount of water to get the sewer clean that it would have taken to

have kept it in good condition. The automatic flusher requires only that one man make the rounds once a week or so, and see that the required flow of water is coming through the faucet to dump the flusher as often as desired (once to three or four times a day), according to location.

I have thus briefly described some of the most interesting features of construction, and the plan at the beginning of this report, together with the following tables, show the sewers built and an account of the cost of constructing the sewer in each street. These accounts do not include the engineering expenses, nor the cost of teaming, jute and manhole rods, as it is almost impossible to divide these correctly among the accounts of the different streets.

MYRTLE STREET AND PORTION OF LAKE AVENUE.—Secs. 5 and 2.

[illegible]

[illegible]

BERWICK STREET.—Sec. 5.

QUANTITIES.	ITEMS.	CONTRACT PRICE.	AMOUNT.
854.724	Cubic yds. exca. and refill, from surface to depth not exceeding 8 ft.,.....	\$0.70	\$598.306
414.611	“ “ “ between the depths of 8 and 12 ft. below the surface,.....	0.85	352.419
35.926	“ “ “ “ 12 “ 16 “	1.25	44.907
11.082	“ brick masonry,	5.75	63.721
4.665	“ concrete masonry,	5.00	23.325
873	Linear ft. 8-inch pipe in place,	0.07	61.110
606.8	Linear ft. underdrain in place,	0.15	91.020
16.092	M. ft. spruce lumber, left in place for sheeting and shoring,.....	13.00	209.196
431.3	Linear ft. extra screened gravel and bagging for foundation,	0.10	43.130
MATERIALS FURNISHED BY THE TOWN.			
		PRICE.	
816	Linear ft. 8-inch pipe.....	0.14	114.24
72	“ “ 4-inch underdrain,.....	0.05	3.60
521	“ “ 6-inch “	0.07	36.47
2	4x4 T branches,	0.22	0.44
1	6x4 “ “	0.34	0.34
1	8x6 “ “	0.51	0.51
18	5x5 Y “	0.36	6.48
35.5	Barrels cement (Portland)	2.14	75.97
5	“ “ (Rosendale)	1.15	5.75
4	Manhole covers,	5.23	20.92
5319	Brick,.....	8.25	43.88
Total,.....			\$1795.73

BERWICK PLACE.—Sect. 5.

QUANTITIES.	ITEMS.	CONTRACT	
		PRICE.	AMOUNT.
140.444	Cubic yds. earth exca., and refill from surface to depth not exceeding 8 ft.,.....	\$0.70	\$98.310
31.81	“ “ between the depths of 8 and 12 ft. below the surface,.....	0.85	27.038
4.121	“ brick masonry,.....	5.75	23.695
0.972	“ concrete masonry,.....	5.00	4.860
156	Linear ft., 6 in. pipe in place,.....	0.05	7.800
152	“ underdrain in place,.....	0.15	22.800
0.680	M. ft. spruce lumber left in place for sheeting and shoring,.....	13.00	8.840
MATERIALS FURNISHED BY THE TOWN.			
138	Linear ft. 6 in. Pipe,.....	0.10	13.80
150	“ 4 in. underdrain,.....	0.05	7.50
6	6 x 5 Y branches,.....	0.43	2.58
8	Barrels cement (Portland),.....	2.14	17.12
2.25	“ (Rosendale),.....	1.15	2.58
1	Flushet,.....	35.00	35.00
1	Manhole cover,.....	5.23	5.23
1978	Brick,.....	8.25	16.31
Total,.....			\$233.463

SEWER REPORT.

QUANTITIES.	ITEMS.	CONTRACT PRICE.	AMOUNT.
144.283	Cubic yds. earth exca. and refill, from surface to depth not exceeding 8 ft.....	\$0.70	\$100.998
44.321	" " " between the depths of 8 and 12 ft. below the surface,.....	0.85	37.672
0.116	" " " between the depths of 12 and 16 ft. below the surface,.....	1.25	0.145
3.712	" brick masonry,	5.75	21.344
1.555	" concrete masonry,	5.00	7.775
153.5	Linear ft., 6 inch pipe, in place,.....	0.05	7.675
161.5	" underdrain, in place,.....	0.15	24.225
1.666	M. ft. spruce lumber left in place for sheeting and shoring,.....	13.00	21.658
MATERIALS FURNISHED BY THE TOWN.			
135	Linear ft. 6 inch pipe,.....	0.10	13.50
160	" 4 inch underdrain,.....	0.05	8.00
7	6 x 5 branches,.....	0.43	3.01
8	barrels cement (Portland),.....	2.14	17.12
2	barrels cement (Rosendale),.....	1.15	2.30
1	manhole covers,.....	5.23	5.23
1	Flusher,.....	35.00	35.00
1781	Brick,....	8.25	14.69
Total,			\$320.345

VINE STREET.—Sect. 5.

QUANTITIES.	ITEMS.	CONTRACT PRICE.	AMOUNT.
546.23	Cubic yds. earth exca., and refill from surface to depth not exceeding 8 ft.,.....	\$0.70	\$382.361
172.211	" " between the depths of 8 and 12 ft. below the surface,.....	0.85	146.379
42.991	" " " " " "	1.25	53.788
11.042	" brick masonry,.....	5.75	63.491
2.722	" concrete masonry,.....	5.00	13.610
609.83	Linear ft. 6 in. pipe in place,.....	0.05	30.491
613.5	" underdrain in place,.....	0.15	92.025
0.198	M. ft. spruce lumber in place,.....	40.00	7.920
3.843	" left in place for sheeting and shoring,.....	13.00	49.959
 MATERIALS FURNISHED BY THE TOWN. 			
540	Linear ft. 6 in. pipe,.....	0.10	54.00
404	" 4 in. underdrain,.....	0.05	20.20
200	" 5 " " " " "	0.06	12.00
26	6 x 5 V branches,.....	0.43	11.18
20.5	Barrels cement (Portland),.....	2.14	43.87
31.5	" (Rosendale),.....	1.15	36.22
1	Flusher,....	35.00	35.00
3	Manhole covers,.....	5.23	15.69
5300	Brick,.....	8.25	43.72
	Total,.....		\$1111.854

QUANTITIES.	ITEMS.	CONTRACT PRICE.	AMOUNT.
132.446	Cubic yds. earth exca., and refill from surface to depth not exceeding 8 ft.,.....	\$0.70	\$92.712
0.236	“ “ between the depths of 8 and 12 ft. below the surface,.....	0.85	0.200
1.666	“ rock exca., “ from surface to depth not exceeding 8 ft.,.....	5.00	8.330
243.3	Linear ft. 6 in. pipe in place,.....	0.05	12.165
243.3	“ underdrain in place,.....	0.15	36.495
2.189	M. ft. spruce lumber in place,.....	40.00	87.560
243.3	Linear ft. extra screened gravel and bagging for foundation,.....	0.10	24.330
MATERIALS FURNISHED BY THE TOWN.			
219	Linear ft. 6 in. pipe,.....	0.10	21.90
238	“ 4 in. underdrain,.....	0.05	11.90
8	6 x 5 Y branches,.....	0.43	3.44
1	Barrel cement (Portland),.....	2.14	2.14
Total,.....			\$301.172

INGALLS COURT.—Sect. 5.

QUANTITIES.	ITEMS.	CONTRACT PRICE.	AMOUNT.
194.579	Cubic yds. earth exca., and refill from surface to depth not exceeding 8 ft.,.....	\$0.70	\$136.205
37.3	" " " between the depths of 8 and 12 ft. below the surface,.....	0.85	31.705
9.316	" " " " 12 " 16 "	1.25	11.645
1.983	" brick masonry,.....	5.75	11.405
3.11	" concrete masonry,.....	5.00	15.560
257.5	Linear ft. 6 in. pipe in place,.....	0.05	12.875
257.5	" underdrain in place,.....	0.15	38.625
0.020	M. ft. spruce lumber in place,.....	40.00	0.800
MATERIAL FURNISHED BY THE TOWN.			
225	Linear ft. 6 in. pipe,.....	0.10	22.50
252	" 4 in. underdrain,.....	0.05	12.60
12	6 x 5 Y branches,.....	0.43	5.16
7	Barrels cement (Portland),.....	2.14	14.98
4	" (Rosendale),.....	1.15	4.60
1	Flusher,.....	35.00	35.00
1	Manhole cover,.....	5.23	5.23
951	Brick,.....	8.25	7.84
	Total,.....		\$366.717

LARRABEE PLACE.—Sect. 5.

QUANTITIES.	ITEMS.	CONTRACT PRICE.	AMOUNT.
140	Cubic yds. earth exca., and refill from surface to depth not exceeding 8 ft.,.....	\$0.70	\$98.000
35	" " " between the depths of 8 and 12 ft. below the surface,	0.85	29.750
2.78	" brick masonry,	5.75	15.985
0.777	" concrete masonry,	5.00	3.885
1.54	Linear ft. 6 in. pipe in place,	0.05	7.700
39.2	" underdrain in place,	0.15	5.88
.600	M. ft. spruce lumber in place for sheeting and shoring,	13.00	7.800
127.2	Linear ft. extra screened gravel and bagging for foundation,	0.10	12.720
MATERIALS FURNISHED BY THE TOWN.			
135	Linear ft. 6 in. pipe,	0.10	13.50
42	" 4 in. underdrain,	0.05	2.10
6	6 x 5 branches,	0.43	2.58
6	Barrels cement (Portland),	2.14	12.84
1	" (Rosendale),	1.15	1.15
1	Manhole cover,	5.23	5.23
1334	Brick,	8.25	11.00
Total,			\$230.12

QUANTITIES.	ITEMS.	CONTRACT PRICE.	AMOUNT.
734.713	Cubic yds. earth exca., and refill from surface to depth not exceeding 8 ft.,.....	\$0.70	\$514.299
135.201	" " " between the depths of 8 and 12 ft. below the surface,	0.85	114.920
8.573	" " " " 12 " 16 "	1.25	10.716
22.278	" rock exca., and refill from surface to depth not exceeding 8 ft.,.....	5.00	39.050
22.278	" " " between the depths of 8 and 12 ft. below the surface,.....	5.50	122.522
17.893	" brick masonry,.....	100.009	100.009
5.055	" concrete masonry,.....	5.00	25.275
824.5	Linear ft. 6 in. pipe in place,.....	41.224	41.224
841	" underdrain in place,.....	0.15	126.150
2.420	M. ft. spruce lumber left in place for sheeting and shoring,.....	13.00	31.460
MATERIAL FURNISHED BY THE TOWN.			
738	Linear ft. 6 in. pipe,.....	0.10	73.80
352	" 4 in. underdrain,	0.05	17.60
33	6 x 5 Y branches,.....	0.43	14.19
1	6 x 6 T branches,.....	0.34	0.34
37.5	Barrels cement (Portland),.....	2.14	80.25
7.5	" (Rosendale),.....	1.15	8.62
2	Flushers,.....	35.00	70.00
5	Manhole covers,.....	5.23	26.15
8348	Brick,.....	8.25	68.87
	Total,.....		\$1485.453

STEVENS PLACE.—Sect. 5.

QUANTITIES.	ITEMS.	CONTRACT PRICE.	AMOUNT.
482.838	Cubic yds. earth exca., and refill from surface to depth not exceeding 8 ft.,	\$0.70	\$337.986
90.01	" " " between the depths of 8 and 12 ft. below the surface,	0.85	76.508
3.9	" " " 12 " 16 " "	1.25	4.875
12.172	" " brick masonry,	5.75	69.989
3.5	" concrete masonry,	5.00	17.500
566.2	Linear ft. 6 in. pipe in place,	0.05	28.310
386.45	" underdrain in place,	0.15	57.967
MATERIALS FURNISHED BY THE TOWN.			
504	Linear ft. 6 in. pipe,	0.10	50.40
386	" 4 in. underdrain,	0.05	19.30
27	6 x 5 Y branches,	0.43	11.61
1	5 in. 1/4 bend,	0.27	0.27
25	Barrels cement (Portland),	2.14	53.50
4.5	" (Rosendale),	1.15	5.17
1	Flusher,	35.00	35.00
4	Manhole covers,	5.23	20.92
5842	Brick,	8.25	48.19
Total,			\$837.495

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QUANTITIES.	ITEMS.	CONTRACT PRICE.	AMOUNT.
249.491	Cubic yds. earth excn., and refill from surface to depth not exceeding 8 ft.,	\$0.70	\$174.643
9.254	" brick masonry,	5.75	53.210
17.888	" concrete masonry,	5.00	89.440
353.5	Linear ft. 6 in. pipe in place,	0.05	17.975
218.5	" underdrain in place,	0.15	34.775
2.476	M. ft. spruce lumber in place,	40.00	99.040
MATERIAL FURNISHED BY THE TOWN.			
270	Linear ft. 6 in. pipe,	0.10	27.00
210	" 5 in. underdrain,	0.06	12.60
12	6 x 5 Y branches,	0.43	5.16
1	5 in. bend,	0.27	0.27
19.25	Barrels cement (Portland),	2.14	41.19
22	" (Rosendale),	1.15	25.30
1	Flusher,	35.00	35.00
3	Manhole covers,	5.23	15.69
60	Ft. cast iron 6 in. pipe,	24.75	1485.00
4441	Brick,	8.25	36.64
Total,			\$690.683

CHERRY STREET.—Sect. 5.

QUANTITIES.	ITEMS.	CONTRACT	
		PRICE.	AMOUNT.
253.894	Cubic yds. earth exca., and refill from surface to depth not exceeding 8 ft.,	\$0.70	\$177.725
7.399	" " between the depths of 8 and 12 ft. below the surface,	0.85	6.289
5.864	" brick masonry,	5.75	33.718
1.944	" concrete masonry,	5.00	9.720
300	Linear ft. 6 in. pipe in place,	0.05	15.000
200	" underdrain in place,	0.15	30.000
MATERIALS FURNISHED BY THE TOWN.			
261	Linear ft. 6 in. pipe,	0.10	26.10
200	" 4 in. underdrain,	0.05	10.00
15	6 x 5 Y branches,	0.43	6.43
9.5	Barrels cement (Portland),	2.14	20.33
2.5	" (Rosendale),	1.15	2.87
1	Flushet,	35.00	35.00
2	Manhole covers,	5.23	10.46
2814	Brick,	8.25	23.21
Total,			\$406.872

LIBRANON STREET.—Sec. 5.

[illegible]

WINTER STREET—Sect. 5.

QUANTITIES.	ITEMS.	CONTRACT.	
		PRICE.	AMOUNT.
262.134	Cubic yds. earth exca., and refill from surface to depth not exceeding 8 ft.,....	\$0.70	\$183.493
0.555	" rock exca., and refill from surface to depth not exceeding 8 ft.,....	5.00	2.775
5.94	" brick masonry,....	5.75	34.155
1.944	" concrete masonry,....	5.00	9.720
358	Linear ft. 6 in. pipe in place,....	0.05	17.900
MATERIALS FURNISHED BY THE TOWN.			
321	Linear ft. 6 in. pipe,....	0.10	32.10
16	6 x 5 Y branches,....	0.43	6.88
13	Barrels cement (Portland),....	2.14	27.82
2.5	" (Rosendale),....	1.15	2.87
1	Flusher,....	35.00	35.00
1	Manhole covers,....	5.23	5.23
2	Brick,....	8.25	16.50
2851			23.52
Total,.....			\$386.693

CRESCENT PLACE.—Sect. 5.

QUANTITIES.

137.494
4.505
207
1.633

ITEMS.

Cubic yds. earth exca., and refill from surface to depth not exceeding 8 ft.,
" brick masonry,
Linear ft., 6 in. pipe in place,
M. ft. spruce lumber in place,

CONTRACT PRICE.	AMOUNT.
\$0.70	\$96.245
5.75	25.903
0.05	10.350
40.00	65.320

MATERIALS FURNISHED BY THE TOWN.

Linear ft. 6 in. Pipe,
6 x 5 Y branches,
Barrels cement (Portland),
" (Rosendale),
Flusher,
Manhole cover,
Brick,

PRICE.	
0.10	18.60
0.43	8.44
2.14	22.47
1.15	2.30
35.00	35.00
5.23	5.23
8.25	17.84

Total, \$302.698

PERHAM AVENUE.—Sect. 5.

QUANTITIES.

166.387	Cubic yds. earth exca., and refill from surface to depth not exceeding 8 ft.,	ITEMS.
16.162	" " " between the depths of 8 and 12 ft. below the surface,	
14.641	" rock exca., " from surface to depth not exceeding 8 ft.,	
26.25	" " " between the depths of 8 and 12 ft. below the surface,	
5.623	" brick masonry,	
2.333	" concrete masonry,	
273.1	Linear ft. 6 in. pipe in place,	
27	" underdrain in place,	

MATERIALS FURNISHED BY THE TOWN.

240	Linear ft. 6 in. pipe,	PRICE.	
24	" 4 in. underdrain,	0.10	24.00
12	6 x 5 V branch,	0.05	1.20
6.5	Barrels cement (Portland),	0.43	5.16
8	" (Rosendale),	2.14	13.91
1	Flusher,	1.15	9.20
1	Manhole covers,	35.00	35.00
2	Brick,	5.23	10.46
2699		8.25	22.26
	Total,		\$525.179

FAULKNER PLACE.—Sect. 5.

QUANTITIES.		ITEMS.		CONTRACT PRICE.	AMOUNT.
166.939		Cubic yds. earth exca. and refill, from surface to depth not exceeding 8 ft.		\$0.70	\$116.857
8.741		" " " between the depths of 8 and 12 ft. below the surface,		0.85	7.406
5.669		" " brick masonry,		5.75	32.596
1.944		" " concrete masonry,		5.00	9.720
381.56		Linear ft., 6 inch pipe, in place,		0.05	19.678
164.56		" " underdrain, in place,		0.15	24.684
43.5		Linear ft. extra screened gravel and bagging for foundation,		0.10	43.50
MATERIALS FURNISHED BY THE TOWN.					
336		Linear ft. 6 inch pipe,		0.10	33.60
164		" " 4 inch underdrain,		0.05	8.20
14		6 x 5 Y branches,		0.43	6.02
11		barrels cement (Portland),		2.14	23.54
2.5		barrels cement (Rosendale),		1.15	2.87
1		Flushery,		35.00	35.00
2		manhole covers,		5.23	10.46
2721		Brick,		8.25	22.45
		Total,			\$356.831

SEWER REPORT.

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QUANTITIES.	ITEMS.	CONTRACT PRICE.	AMOUNT.
719.710	Cubic yds. earth exca., and refill from surface to depth not exceeding 8 ft.,	\$0.70	\$503.797
1.433	" rock extra., and refill from surface to depth not exceeding 8 ft.,	5.00	7.165
13.391	" brick masonry,	5.75	76.998
7.777	" concrete masonry,	5.00	38.885
667.76	Linear ft. 6 in. pipe in place,	0.05	33.388
361.79	Linear ft. 8 in. pipe in place,	0.07	25.325
381	" underdrain in place,	0.15	57.150
1.786	M ft. spruce lumber in place,	40.00	71.440
381	Linear ft. extra screened gravel and bagging for foundation,	0.10	38.100
MATERIALS FURNISHED BY THE TOWN.			
603	Linear ft. 6 in. pipe,	0.10	60.30
288	Linear ft. 8 in. pipe,	0.14	40.32
36	Linear ft. 8 in. cast iron pipe,	0.583	21.00
380	Linear ft. 4 in. underdrain,	0.05	19.00
26	6 x 5 Y branches,	0.43	11.18
14	8 x 5 Y branches,	0.65	9.10
28.75	Barrels cement (Portland),	2.14	61.52
12	" (Rosendale),	1.15	13.80
2	Flushers,	35.00	70.00
2	Manhole covers,	5.23	26.15
5	Brick,	8.25	53.02
6427	Total,		\$1237.638

GROVE PLACE.—Sect. 8.

QUANTITIES.	ITEMS.	CONTRACT PRICE.	AMOUNT.
111.506	Cubic yds. earth exca. and refill, from surface to depth not exceeding 8 ft.,.....	\$0.70	\$78.054
1.886	“ brick masonry,.....	5.75	10.844
0.777	“ concrete masonry,.....	5.00	3.885
161.5	Linear ft. 6-inch pipe in place,.....	0.05	80.75
MATERIAL FURNISHED BY THE TOWN.			
150	Linear ft. 6 in. pipe,.....	0.10	15.00
6	6 x 5 Y branches,.....	0.43	2.58
8	Barrels cement, (Portland),.....	2.14	17.12
1	“ (Rosendale),.....	1.15	1.15
1	Manhole cover,.....	5.23	5.23
905	Brick,.....	8.25	7.47
Total,.....			\$149.408

KIMBALL COURT.—Sect. 5.

[illegible]

DILL'S COURT.—Sect. 5.

QUANTITIES.

275.999	Cubic yds. earth exca., and refill from surface to depth not exceeding 8 ft.,.....
109.998	" " " between the depths of 8 and 12 ft. below the surface,.....
29,881	" " " " 12 " 16 "
9,208	" brick masonry,
2,333	" concrete masonry,
298	Linear ft. 6 in. pipe in place,
21	Vertical ft. pipe chimneys,
297	Linear ft. underdrain in place,
24,007	M. ft. spruce lumber, left in place for sheeting and shoring,

MATERIALS FURNISHED BY THE TOWN.

14	Linear ft. 5 in. pipe,
267	" 6 "
274	" 4 in. underdrain,
22	" 5 "
9	6 x 5 branches,
16	Barrels cement (Portland),
8	" (Rosendale),
1	Flusher,
2	Manhole covers,
4419	Brick,

CONTRACT PRICE.	AMOUNT.
\$0.70	\$193.199
0.85	93.498
1.25	37.351
5.75	52.946
5.00	11.665
0.05	14.900
0.07	1.470
0.15	44.550
13.00	312.897

PRICE.	
0.06	0.84
0.10	26.70
0.05	13.70
0.06	1.32
0.43	3.87
2.14	34.24
1.15	9.20
35.00	35.00
5.23	10.46
8.25	36.45

Total, \$934.256

FELTON PLACE—Sect. 5.

QUANTITIES.	ITEMS.	CONTRACT.	
		PRICE.	AMOUNT.
147.081	Cubic yds. earth exca., and refill from surface to depth not exceeding 8 ft.,.....	\$0.70	\$102.956
0.722	“ “ “ between the depths of 8 and 12 ft. below the surface,.....	0.85	0.613
3.225	“ brick masonry,.....	5.75	18.543
1.166	“ concrete masonry,.....	5.00	5.830
241	Linear ft. 6 in. pipe in place,.....	0.05	12.050
252	Linear ft. underdrain in place,.....	0.15	37.800
1.624	M. ft. spruce lumber in place,.....	40.00	64.960
167	Linear ft. extra screened gravel and bagging for foundation,.....	0.10	16.700
MATERIALS FURNISHED BY THE TOWN.			
219	Linear ft. 6 inch pipe,.....	0.10	21.90
248	“ 4 inch underdrain,.....	0.05	12.40
3	6 x 5 Y branches,.....	0.43	3.87
6.75	Barrels cement (Portland),.....	2.14	14.44
1.5	“ (Rosendale),.....	1.15	1.72
1	Flusher,.....	35.00	35.00
1	Manhole cover.....	5.23	5.23
1584	Brick,.....	8.25	12.77
Total,.....			\$3 66.782

It will be seen by referring to my preliminary report on the sewerage system, that the estimated cost of section five is \$55,502.53, and if we add to this the portions of sections 2, 7 and 8 that were included in this contract (estimated upon the same basis), we have an estimated cost of \$70,868.61 not including the portion of Lake avenue that has not been built.

It is impossible for an engineer to estimate exactly what a job of this kind is going to cost, before the ground is broken. He has to make a study of the ground in which the sewers are to be built and form his best judgment as to what is likely to be met with, whether it is gravel, ledge, dry soil and sand or quicksand and water, and then make up his mind what it can be handled for and estimate accordingly. These estimates must of necessity be founded upon individual judgment in the absence of some facts as to what there is to be found in the excavations.

The items of safety, such as leaving in part or all of the sheeting and shoring in places, building timber foundations, etc., and laying underdrains, are things that cannot be figured in advance of construction.

These have amounted to much more than I had anticipated, in this section, owing to unavoidable conditions being met with in the construction.

The hardest thing to estimate is what the average contractor can and will carry out the work for.

You will see by the following canvass of bids received for our work, the very different lights in which practical and experienced contractors view the same piece of work :

CANVASS OF BIDS FOR SECTION 5 AND PARTS OF SECTIONS 2, 7 AND 8 OF SEWER SYSTEM, MELROSE, MASS.

ITEMS.	BIDDER													
	JAMES HEATH & SON, Lynn.	JOHN SHEEHAN, Lynn.	McCUSKER BROS. & CO., Waltham.	FRANK L. ALLEN, Worcester.	LUCIAN A. TAYLOR, Boston.	JOSEPH LONG & CO., So. Braintree.	WILLIAM S. MARSH, Lawrence.	NAT'L CONST'N CO., Boston.	WEAVING, BOOTH & CO., Boston.	A. W. BRYNE, W. Medford.	MET'POL'N CONST'N CO., Boston.	J. N. DREW & CO., Malden.	LAWRENCE NORTON, Lawrence.	
Excav. to 8 ft., 25,983 cu. yds.....	\$0.43	\$0.50	\$0.60	\$0.70	\$0.70	\$0.58	\$0.87	\$0.75	\$0.95	\$0.81	\$0.90	\$0.64	\$1.34	
“ 8 to 12 ft., 7,693 cu. yds.	.47	.75	.80	.85	1.00	1.25	.87	1.17	1.10	1.00	1.25	1.50	1.50	
“ 12 to 16 ft., 3,160 cu. yds.....	.55	1.00	1.25	1.25	1.40	1.75	.87	1.75	1.20	1.50	1.50	2.50	3.55	
“ 16 to 20 ft., 223 cu. yds.....	.65	1.25	1.50	2.00	1.85	2.75	.87	2.33	1.40	2.00	1.75	3.00	2.85	
Concrete masonry, per cu. yd.	5.50	5.00	6.00	5.00	4.00	4.50	5.00	4.50	6.00	6.00	4.50	5.50	3.50	
Rubble stone masonry, per cu. yd.	6.25	5.00	6.00	5.50	....	3.50	5.00	4.75	6.00	6.00	5.50	6.00	3.50	
Rock excav. to 8 ft., 2,30 cu. yds.	3.85	4.00	5.00	5.00	5.00	4.00	4.50	5.50	4.50	4.50	4.50	6.00	4.50	
“ “ 8 to 12 ft., 100 cu. yds....	4.00	4.00	7.00	5.50	6.50	4.50	4.50	7.00	5.00	5.00	6.00	8.00	4.65	
“ “ 12 to 16 ft.,	4.50	4.00	8.00	6.50	....	6.00	....	7.00	6.00	6.00	....	10.00	4.75	
Spruce piles, per lin. ft.	.25	.20	.50	.30	....	.45	1.00	.30	.40	.30	.25	.30	15.00	
Pipelaying, 6-in., 14,510 lin. ft.....	.05	.05	.10	.05	.05	.04	.16½	.05	.10	.10	.08	.12	.10	
“ 8-in., 6,080 lin. ft.	.06½	.05	.10	.17	.06	.05	.16½	.06	.15	.15	.08	.15	.10	
“ 10-in., 1,270 lin. ft.	.08	.05	.10	.08	.08	.08	.16½	.10	.15	.15	.10	.15	.10	
“ 12-in., 970 lin. ft.	.10	.05	.10	.10	.09	.08	.16½	.10	.20	.15	.12	.18	.10	
“ 15-in., 370 lin. ft.	.15	.05	.10	.10	.12	.10	.16½	.12	.20	.20	.15	.20	.12	
“ 18-in., 2,670 lin. ft.....	.18	.05	.10	.12	.15	.18	.16½	.15	.25	.20	.20	.25	.15	
“ 20-in., 2,995 lin. ft.....	.20	.05	.10	.14	.16	.18	.16½	.17	.25	.20	.20	.25	.15	
“ 24-in., 1,230 lin. ft.....	.24	.05	.10	.18	.20	.18	.16½	.24	.25	.20	.25	.30	.20	
Paving laid 362 sq. yds.	2.25	2.20	4.00	3.00	2.00	3.00	3.00	2.75	4.00	3.00	4.00	3.00	2.75	
Spruce lumber in place, per M. ft.	40.00	40.00	30.00	40.00	....	15.00	24.00	34.00	50.00	40.00	35.00	40.00	20.00	
Brickwork, 639 cu. yds.	4.00	4.50	5.20	5.75	5.00	5.00	5.00	7.00	7.00	10.00	4.75	6.00	4.80	
Total amounts.....	\$24,426	29,260	35,985	37,386	35,341	39,289	43,410	44,986	46,818	47,498	48,057	49,263	64,048	

Quantities are approximate, and given only for comparison of bids.

I never realized until this last season that wells were so numerous in the centre of the town. In some cases the underdrains and pumping have materially affected the supply of water in them, as it has also in some cellars and cess-pools, but if the water pumped is any relation to the water in the wells, as there is every reason to believe it is, the users of them will be better off if they can and will cultivate their tastes to drinking *plain* Spot pond water. One case has been brought to my attention where there is a well (much coveted for its excellent water) within a radius of sixty-five feet of which there are five cess-pools.

With your permission I would like to cite the following from the excellent work of Prof. Cady Staley and Geo. S. Pierson, C. E.:

“POLLUTION OF THE SUB-SOIL AND OF WELLS. The ordinary cesspools are especially objectionable where wells are used as a source of water supply. A well is simply a hole dug in the ground, into which the water, which has sunk into the earth, may drain. The quality of the water will depend upon the condition of the soil through which it passes. In cities without sewerage, cesspools by hundreds are formed in the earth, into which all manner of filth is thrown. Into this same soil wells are dug, and the drippings from the cesspools are caught and drank, and the seeds of disease are sown broadcast in the community. One often hears it said that water which passes through the earth is filtered and purified. But it must not be forgotten that while the earth acts as a sieve, and removes the suspended impurities, the oxidation and nitrification of organic matter depends upon circumstances which are not likely to be favorable very far beneath the surface of the ground. Whatever is in solution remains, to a large extent, in the water.

The Swiss village of Lausen, near Basle, is supplied with water from a spring situated at the foot of a mountainous

ridge, called the Stockhalden. In this village, where there had not been a case of fever in many years, an epidemic of typhoid fever broke out, which struck down seventeen per cent. of the whole population. The cases of fever were pretty evenly distributed among the families of the village with the exception of six. As the six families which escaped did not use water from the spring, suspicions were aroused concerning the water and investigations were made. It had previously been noticed that when the meadows in the Furlerthal, a little valley on the other side of the Stockhalden ridge, were irrigated, the volume of water in the spring was increased; and by the sinking of the soil in one of the meadows in the Furlerthal, a vein of water was discovered, which, it was supposed, led to the spring in Lausen. It was found, upon investigation, that a peasant living in the Furlerthal had returned home from a distant city sick with fever, and that the brook in which his clothes had been washed and into which the slops from the house had been thrown, had been used to irrigate the meadows. This water thus spread out over the fields and then filtered through the ridge, a distance of a mile, still carried the germs of disease in it and brought death to the unsuspecting inhabitants of Lausen.

To prove conclusively that the spring was supplied from the Furlerthal, and to determine whether the water passed through an open vein or was filtered through porous material, the following experiments were made. Several hundred weight of salt was dissolved and poured into the hole in the Furlerthal where the vein was discovered. In a few hours the water of the spring became very salt, and the connection between the water in the Furlerthal and the spring at Lausen was established beyond a doubt.

They now mixed two and one-half tons of flour in water and poured it into the hole, but no trace of the flour could

be found in the spring ; proving that the water was so thoroughly filtered as to remove the minutest particles of the flour, and yet it still retained its infective properties.

Clearness is no proof of purity in water. The water of the Saratoga springs, although thoroughly impregnated with various minerals, are as clear as ordinary spring water, and in a glass of water as clear as crystal there *may* be poison enough to kill a whole family ; not only by the comparatively slow and uncertain process of fever, but surely and immediately.

Deleterious gases may indeed add a sparkle to well water, and the peculiar flavor so highly prized in some wells may be borrowed from a neighboring cess-pool."

The size of the sewers seems to be a constant source of worry to many, who, not having taken the trouble to investigate the subject very thoroughly, persistently claim that "the pipes are too small." For the practical illustration of the advantages of small sewers, that will take care of themselves (to a great extent), over large ones, where the water runs away and leaves sediment and rubbish behind, I beg leave to refer to the following :

"At Wave Crest, Rockaway, L. I., a four-inch sewer has been laid across a salt marsh for the distance of 2,800 feet. This small pipe is nearly level, the total fall being only three inches ; yet, during the nine years in which it has been in use no stoppages have occurred, and no trouble of any sort has been met with.

There are twenty-three houses on this line of pipe, most of which have their water-closets and one or two bath tubs. A flush tank at the end of the line of pipe is supplied by means of a wind mill." Andrews, in N. Y. State Board of Health.

In laying out work for another season I would recommend building sewers in all the streets in section 4, and part of

section 7, i. e., from Perkins street to Spot pond brook and Russell street, and from the Boston & Maine railroad to the Stoneham line. This includes six and eight-tenths miles of sewers.

The flat portions of this section seem to need sewerage more than any other portion of the town and by completing the sewerage of the water shed drained by the Otis street drain, Crystal pond will be relieved of much sewage.

I here wish to express my thanks to my assistants and inspectors for their hearty co-operation in carrying out the work ; also to the contractor, who has always been ready and anxious to do good work.

Respectfully submitted,

WALTER C. STEVENS,

Town Engineer.

REPORT OF PARK COMMISSIONERS.

The organization of the board of park commissioners is as follows: George T. Brown, chairman, Maurice G. Cochran, treasurer, and C. H. Adams, secretary.

The expenditures in detail are shown in the auditor's report.

The territory in charge of the board consists of the common, extending over several acres on the East side, the Sewall woods on the West side, two small public squares at Norrisville, and the new Wyoming Park, consisting of a plot of ground, the site of the old Barry place, on Main street, at Wyoming.

During the past year, the Metropolitan park commissioners have completed their taking of the Middlesex Fells, to which Melrose has contributed some thirty acres of territory at an assessed valuation of about \$28,000. The court has not yet determined how much shall be paid by Melrose toward this park system, which, when assessed, will be included in the state tax.

The meagre appropriation of \$100 by the town last spring, has prevented the board from entering upon any plans for the permanent improvement of its public grounds.

At the Sewall woods there need be done, at present, but little in the way of improvement.

At the common there is an immediate need of a concrete walk entirely around it, and a system of walks through it. More trees should be set out, and a large amount of grading

done. The small pond should be enlarged with a granite curbing around it, as it has been found that there is ample water to maintain an attractive pond.

At Norrisville, the two pretty squares have been maintained and improved and the two public fountains have been an ornament during the summer season.

The large vase in front of the Town Hall has been filled and cared for during the summer.

At the Wyoming park some improvements should be made and a concrete walk laid across it at the north end. The park presents an opportunity for some public spirited citizen to give to the town an ornamental or public drinking fountain.

During the past year the town has lost many handsome old shade trees that have ornamented the streets for a generation, and the board would recommend a special appropriation for trees to be set out along our public highways.

At the town meeting in November, a special committee of four was appointed to confer with the park commissioners to consider the available land within the town for park purposes and play-grounds. The committee, besides the park commissioners, consists of Col. F. S. Hesseltine, Hon. W. E. Barrett, John Robson and J. T. Nowell. The joint committee organized with C. H. Adams, chairman, and will report at the annual town meeting.

The question of public parks and play-grounds has become one of interest to every city and town in the commonwealth, and Melrose is so favorably situated that it may, with a comparatively small expenditure of money, become famous for its beautiful grounds.

GEORGE T. BROWN, Chairman.

MAURICE G. COCHRANE, Treas.

C. H. ADAMS, Secretary

REPORT OF THE BOARD
OF
WATER COMMISSIONERS
OF THE
TOWN OF MELROSE, MASS.,
FOR THE
FINANCIAL YEAR ENDING DECEMBER 31, 1894.

MELROSE:
DUNTON & POTTER, PRINTERS, REPORTER OFFICE.
1895.

TOWN OF MELROSE, MASS.

WATER DEPARTMENT.

COMMISSIONERS :

WILBUR D. FISKE.

GEORGE J. BICKNELL.

GEORGE L. MORSE.

REGISTRAR. :

ELBRIDGE H. GOSS.

SUPERINTENDENT :

JAMES W. RILEY.

PUMPING STATION :

CHARLES F. CHURCHILL, Engineer.

REPORT OF THE WATER COMMISSIONERS

FOR THE

YEAR ENDING DECEMBER 31, 1894.

The twenty-fifth annual report of the board of water commissioners of the town of Melrose, also reports of water registrar, superintendent and engineer, are hereby respectfully submitted.

STREET MAINS.

The demands for laying main and service pipes during the year has been as follows :

Number of feet of main pipe laid in 1894,	.	.	15,151
“ “ service pipe	“	.	8,292
“ new hydrants set	“	.	19
“ new gates set	“	.	27

A detailed statement of dimensions, location and cost of the above will be found in the appended report.

The putting in of the sewers this year into the streets where the main water pipes were cement lined pipe, has made it necessary for this department to relay many of the mains with new and larger cast iron pipes, thereby creating large expense which could have been obviated for several years to come only for the introduction of the sewage system. This will reduce the amount of money for this year which we expected to turn into our sinking fund to the minimum ; and it will in all probability be a source of expense to this department more or less from year to year until the sewage system is completed. Great care should be used in the excavations and laying of the sewers so as to render as little damage and expense to this department as possible.

SPOT POND.

The supply of water in Spot pond has remained at a low stage during the whole year, the lowest point reached being on Nov. 5, at which time it was $99\frac{1}{2}$ inches below high water mark, and the highest point reached was May 30, at which time it was $34\frac{1}{2}$ inches below high water mark.

ADDITIONAL WATER SUPPLY.

Under the contract made with the Middlesex Fells Springs Co., pumping was commenced May 21, 1894, and that company has furnished the town to January 1, 1895, 60,826,050 gallons of water. For cost of same see appended report of the water registrar.

LAND AROUND SPOT POND.

Your board of water commissioners in conjunction with the water commissioners of the cities of Malden and Medford have settled and paid 34 claims for taking the land and water rights around Spot pond, and now hold the deeds to the property. Only four claims now remain unsettled; these claims will be settled as fast as possible, and a detailed statement of these claims will be made in our future annual report.

RECOMMENDATIONS.

We recommend that the town appropriate the sum of \$4,000 for the town use.

Respectfully submitted,

WILBUR D. FISKE,

GEO. J. BICKNELL,

GEO. L. MORSE,

Commissioners.

REPORT OF WATER REGISTRAR

OF THE TOWN OF MELROSE, FOR THE YEAR 1894.

To the Board of Water Commissioners:

GENTLEMEN:—The following is a report of details for year 1894:

RECEIPTS.

Received for water rates,	\$33,791 30
“ “ service pipes,	2,295 49
	\$36,086 79
Paid Geo. Newhall, treasurer, \$35,900 30	
Refunded, 186 49	
	\$36,086 79

DISBURSEMENTS.

Bills approved by the water commissioners and paid by the town treasurer:

Stock account—Stock purchased,	\$17,651 72
Labor on same,	309 38
Maintenance—Sundry bills, labor and salaries,	18,123 70
Construction—Labor on construction and street services,	5,004 88
Paid C. F. Churchill, policing Spot Pond for Malden and Medford, same refunded,	306 66
	\$41,396 34

STATEMENT FOR SINKING FUND.

INCOME.

From water rates,	\$33,791 30
Less amount refunded,	186 49
	\$33,604 '81

LESS.

Interest on bonds, from town treasurer's books,	\$9,940 00
Maintenance—Sundry bills, labor and salaries,	18,123 70
Maintenance—Stock used,	5,113 85
	\$33,177 55
Surplus,	
	\$427 26

MAINTENANCE.

City of Malden, $\frac{1}{3}$ expenses at Spot Pond,	\$240 86
Union B. Twitchell, wood,	5 00
M. J. Drummond, interest on stock,	63 49
Curry & Hebblethwaite, repairs,	3 40
Braman, Dow & Co., fittings,	13 92
A. M. Morton & Co., packing,	1 20
Walworth Mfg Co., fittings and repairs,	33 50
Bugbee & Barrett, sundries,	17 47
N. E. Tel. & Tel. Co., service	279 47
G. L. Ditmar, wood,	19 50
Phillips & Hodgdon, hay and oats, ,	170 50
R. M. Gibson & Son, repairs,	2 20
<i>Amount carried forward,</i>	<i>\$850 51</i>

<i>Amount brought forward,</i>	\$850 51
J. S. Austin, carriage,	1 50
G. F. King & Merrill, stationery,	13 55
James W. Riley, superintendent,	1,100 00
Charles F. Churchill, engineer,	900 00
Elbridge H. Goss, registrar,	800 00
Wm. Magner, land damage,	15 00
J. J. McCullough, water damage,	31 50
Brock Bros., sundries,	20 33
J. J. McCarthy's Sons, charcoal	1 75
P. Ainsworth, sleepers, etc.,	10 28
R. W. Pratt, rent of boiler,	342 00
J. P. Deering & Co., lumber,	27 53
R. Gibbons, stock and labor,	19 00
Chapman Valve Mfg. Co., repairs,	11 39
J. C. Bartlett, gravel,	16 00
Plymouth Furnishing Co., matting, etc.,	29 61
Edson Mfg. Co., diaphragms,	8 30
Leonard & Ellis,	1 00
S. M. Spencer & Son, steel stamp,	60
Knowles Pump Works, valves, etc.,	94 80
G. H. Mason & Co., lantern globes,	22 90
H. J. Perry, sundries,	22 82
Ames Plow Co., tools,	50 75
G. P. Anderson & Co., packing,	87 89
Frost & Hawes, sundries,	24 67
American Express Co., expressing,	3 55
F. H. Tyzzer, painting,	37 00
Addison Lane, rent of shop one year,	120 00
Mary D. Ellis, rent of stable one year,	60 00
I. H. Wiley & Co., enameline,	4 80
Larrabee & Stearns, sundries,	3 49

Amount carried forward, \$4,732 52

<i>Amount brought forward,</i>	\$4,732 52
Dunton & Potter, reports and printing,	12 25
A. A. Hunt, wrenches	4 20
Eastman's Express, expressing,	108 78
T. McCoubry, repairs,	180 36
E. H. Goss, sundries,	3 92
Plymouth Foundry Co., matting,	4 75
A. L. Machlachlan, repairs,	36 75
R. Philpot, teaming,	362 91
City of Medford, $\frac{1}{3}$ expenses Spot pond,	72 83
J. W. Riley, sleepers,	4 90
C. W. Ellison, stamps,	30 00
Scrannage Bros., repairs,	5 25
B. & M. R. R. Co., freight,	34 96
Jos. Edwards, repairs,	40 17
J. F. Lucy, sundries,	3 99
W. E. Keating, hay,	47 37
J. F. Churchill, labor,	43 00
Melrose Journal, printing,	22 50
Youle, Lawler & Co., teaming boiler,	30 00
F. W. Gregory & Co., soda ash, etc.,	50 60
Osmore Jenkins, repairing clock,	2 50
A. C. Sibley, water privilege,	50 00
E. L. Whittier, rent of derricks,	25 00
W. A. Goodno, labor,	4 25
Wiggin & Fernald, consultation,	10 00
Charles C. J. Spear, rent of ball grounds,	47 00
L. B. Wilder & Co., printing,	34 00
S. E. Benson & Co., coal,	1,862 00
Bradley, Hastings & Co., wagon umbrella,	4 50
F. A. Edson & Co., painting,	235 00
G. O. Bucknam, painting pumps,	35 00
<i>Amount carried forward,</i>	\$8,141 26

<i>Amount brought forward,</i>	\$8,141 26
J. B. Johnson, repairs,	8 40
Siebert Cyl. Oil Co., brass nuts,	1 35
Ludlow Valve Co.,	9 74
A. J. Morse & Son, fittings,	26 35
Sewall & Day Cordage Co., packing,	3 12
Geo. H. Sampson, forcite, etc.,	11 84
National Meter Co., repairing large meter,	30 00
Hartford Ins. Co.,	100 00
O. R. Chase, carriages,	2 00
A. W. Parker, painting,	17 00
Chas. F. Churchill, boat house, policing, &c.	190 48
Jno. C. Paige, insurance,	12 50
Westgate & Johnson, insurance,	27 75
Hersey Meter Co., repairs,	50
A. J. Burnett & Co., repairs,	1 00
W. H. Gallison, sundries,	4 30
F. Hawkins & Co., packing,	4 81
Sewer Commissioners, packing,	5 42
Chambers Express, expressing,	1 95
Town of Melrose, use of roller,	17 50
S. M. Scribner, sundries,	5 45
Jos. Gibbons, Jr., gravel,	2 00
H. W. Johns & Co., sundries,	14 95
F. Sargent, damage from blasting,	3 50
Wilbur D. Fiske, commissioner,	50 00
George J. Bicknell, “	50 00
George L. Morse, “	50 00
W. L. Pierce, distributing circulars,	5 00
E. B. Silliman, packing,	85
Middlesex Fells Springs Co.	
30,019,425 gallons @ 7c.,	2,251 46
3,100,000 “ “ 6c.,	186 00
27,706,625 “ “ 5c.,	1,385 34
60,826,050	
Sundry laborers,	5,501 88
From stock account : Stock used in repairing 263 leaks, service pipes, resetting hydrants, street boxes and general repairs,	5,113 85
Total,	\$23,237 55

CONSTRUCTION.

Cost of construction as per report of January 1,		
1894,	\$320,297	76
Transferred amt. experimental well acct.,	1,000	00
“ “ additional water supply acct.,	4,077	55
“ “ Spot pond improvement acct.,	19,848	76
Cost of stock for construction during the year		
1894,	\$9,661	95
Amount paid sundry laborers on		
same,	4,066	13
Cost of stock for street services,	1,144	43
Amount paid sundry laborers on		
same,	938	75
		<u>\$15,811 26</u>
Cost of works Jan. 1, 1895,	\$361,035	33

STOCK.

Stock on hand Jan. 1, 1894,	\$6,950	66
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Purchased of

Fitz, Dana & Co., sheet iron, rivets, etc.,	344	33
Chadwick Lead Works, pig lead and pipe,	700	37
Davis & Farnum Mfg. Co., iron pipe and castings,	8,123	29
J. H. Cunningham Co., pipe and fittings,	581	17
Geo. H. Sampson, forcite, fuses, etc.,	130	80
Boston Bolt Co., bolts,	8	88
Builder's Iron Foundry, castings,	101	04
New England Water Pipe Co., pipe and fittings,	1,240	60
Chapman Valve Co., hydrants,	842	50
Osgood & Hart, castings,	125	58
B. & M. R. R. Co., freight,	292	13
Scrannage Bros., stop cocks,	495	69
		<u>\$19,937 04</u>
<i>Amount carried forward,</i>		

<i>Amount brought forward,</i>	\$19,937 04
Ludlow Valve Co., valves, etc.,	812 90
Sewall Day Cordage Co.,	6 60
Holyoke Hydrant Works, hydrants,	89 70
Knowles Pump Works, pumps,	907 96
National Meter Co., meters,	1,009 00
Robert Philpot,	45 75
James Marshall, wood,	19 00
Bay State Metal Works, corporations,	132 75
A. M. Morton & Co.,	5 20
G. P. Anderson & Co., packing,	43 56
Hersey Meter Co., meters,	60 85
A. J. Morse & Son.,	3 50
Walworth Mfg. Co.,	85
Standard Brass Co., corporations,	84 57
M. J. Drummond, iron pipe,	842 51
T. McCoubry,	61 90
S. E. Benson & Co.,	536 75
Paid sundry laborers on stock,	309 38
E. L. Whittier & Co.,	1 99
	\$24,911 76

CR.

STOCK USED.

For maintenance,	\$5,113 85
construction,	9,661 95
inside services,	1,144 43
	15,920 23
Stock on hand Jan. 1, 1895,	\$8,991 53

STATISTICS.

Number of water takers January 1, 1895,	.	.	2,760
“ families,	.	.	2,590
“ stores and shops,	.	.	125
“ motors,	.	.	10
“ boarding houses,	.	.	5
“ hotels,	.	.	3
“ churches,	.	.	7
“ manufactories,	.	.	4
“ greenhouses,	.	.	3
“ laundries,	.	.	7
“ railroad stations,	.	.	4
“ club houses,	.	.	2
“ horses,	.	.	422
“ cows,	.	.	63

TOWN.

Town Hall, twelve school houses, five hose houses, one engine house, six stand pipes, two ornamental fountains, five drinking fountains.

Respectfully submitted,

ELBRIDGE H. GOSS,

Water Registrar.

REPORT OF THE SUPERINTENDENT.

To the Board of Water Commissioners :

GENTLEMEN :—In accordance with the usual custom, I herewith submit my annual report.

THE POND.

The following record will show the condition of the pond during the year. The lowest point May 30 to June 10, and not over the dam during the year.

RECORD.

Rise and fall of pond in 1894.

Jan.	1	92¾ in.	below high water mark.
	10	90½ in.	" "
	20	89⅜ in.	" "
	30	84¾ in.	" "
Feb.	10	80¾ in.	" "
	20	71½ in.	" "
	28	68 in.	" "
Mar.	10	55 in.	" "
	20	49¾ in.	" "
	30	47 in.	" "
April	10	44 in.	" "
	20	35¾ in.	" "
	30	34⅝ in.	" "
May	10	34⅝ in.	" "
	20	34¼ in.	" "
	30	34½ in.	" "

June	10	34½ in.	below high water mark.		
	20	39¼ in.	"	"	"
	30	43½ in.	"	"	"
July	10	48½ in.	"	"	"
	20	54½ in.	"	"	"
	30	57¼ in.	"	"	"
Aug.	10	62¾ in.	"	"	"
	20	67¼ in.	"	"	"
	30	73¾ in.	"	"	"
Sept.	10	80 in.	"	"	"
	20	81¼ in.	"	"	"
	30	89¾ in.	"	"	"
Oct.	10	93½ in.	"	"	"
	20	95½ in.	"	"	"
	30	98 in.	"	"	"
Nov.	10	97 in.	"	"	"
	20	95½ in.	"	"	"
	30	98 in.	"	"	"
Dec.	10	96½ in.	"	"	"
	20	89¾ in.	"	"	"
	30	86¼ in.	"	"	"

COMPARATIVE RECORD.

Showing the lowest points below high water mark to which the pond has been drawn since 1874.

1874—Lowest point, 43 inches, Dec. 7.

1875—Lowest point, 61 inches, Feb. 22. Pond full, June 23.

Next lowest point, 33 inches, Nov. 10.

1876—Lowest point, 37 inches, Nov 6. Pond full, March 25.

1877—Lowest point, 33 inches, Sept. 30. Pond full March 15.

1878—Lowest point, 27½ inches, Nov. 13. Pond full Jan. 15.

Pond full, second time, Dec. 14.

1879—Lowest point, 45 inches, Dec. 20. Pond full and run-

ning over at waste-way from Jan. 1 to May 20.

- 1880—Lowest point, $63\frac{1}{4}$ inches, Dec. 30; highest point May 10; being then twelve inches below high-water mark.
- 1881.—Lowest point, 65 inches, Jan. 8 at which time the water was down to the top of the pipe at the gate house; commenced pumping and continued until Jan. 22. The pump was started again Feb. 6 and run until Feb. 13. Pond full and running over from March 22 to April 30. Next lowest point, 32 inches, Dec. 22.
- 1882—Lowest point, $37\frac{1}{2}$ inches, Dec. 21. Pond full and running over at waste-way, from March 3 to April 3.
- 1883—Lowest point, 82 inches, Dec. 30. The highest point reached was 15 inches below high-water mark, May 30. Commenced pumping Sept. 23, and continued to pump to Dec. 31.
- 1884—Lowest point, $82\frac{1}{2}$ inches, Jan. 1. Pond full and running over from April 16 to May 10. Next lowest point, $40\frac{1}{4}$ inches, Nov. 23.
- 1885—Lowest point, $42\frac{1}{2}$ inches, Oct. 31. The highest point reached on May 24, when it was $2\frac{1}{2}$ inches below high-water mark.
- 1886—Lowest point, 55 inches, Nov. 10. Full pond, running over at water-way from Feb. 14 to April 26.
- 1887—Lowest point, $41\frac{3}{4}$ inches, Dec. 10. Full pond from March 20 to May 10.
- 1888—Lowest point, 38 inches, Feb. 17. Full pond from April 3 to June 2, and from Nov. 30 to Dec. 31.
- 1889—Lowest point, $14\frac{3}{4}$ inches, Oct. 20. Full pond, running over water-way, Dec. 10.
- 1890—Lowest point, 39 inches, Oct. 10. Full pond, running over water-way, Jan 10 to 30, March 10 to April 10, and May 10 to 30.

- 1891—Lowest point, $83\frac{3}{4}$ inches, Dec. 20. Full pond, running over water-way, Feb. 6 to April 26.
- 1892—Lowest point, 133 inches, Dec. 30. Has not run over water-way during the year.
- 1893—Lowest point, 148 inches, Jan 10. Has not run over water-way during the year.
- 1894—Lowest point, $99\frac{1}{2}$ inches, Nov. 5. Has not run over water-way during the year.

TABLE SHOWING LEVELS BELOW SPOT POND ROLLWAY.

Surveys made in 1884 by PERCY M. BLAKE, C. E., and
GEORGE H. BISHOP, C. E.

Below Rollway.	
Feet.	
	Reservoir 98 feet above rollway.
0.00	Rollway.
5.61	Lowest point on pipe line bet'n Woodland ave. and Ravine rd.
22.39	Summit of Ravine road, near spring barrel in ground.
83.00	Northwest corner Ravine road and Washington street.
92.20	Intersection of Ravine road and Wyoming avenue.
97.19	Intersection of Trenton street and Wyoming avenue.
98.53	West rail Boston & Maine railroad at Wyoming station.
0.37	Piazza floor of C. S. Adams' house, on Wyoming hill.
99.62	Intersection Berwick street and Wyoming avenue.
91.56	Corner Main and Foster streets.
86.06	Fall from rollway to top of underpinning of Town Hall.
32.00	Sill of lower window of J. T. Chase's house, Cedar Park.
92.17	Intersection of Main and Essex streets.
41.09	Intersection of Upham street and Bellevue avenue.
13.78	Sill of Upham street schoolhouse.
18.00	In front of G. C. McFarland's house Chipman avenue.
3.00	Top of hill, opposite G. S. McFarland's house.
73.00	Track of Boston & Maine railroad, 100 ft. north of Franklin st.
18.00	Foundation of P. W. Curry's house, Orris street.
3.16	Doleful Pond above Spot Pond, Nov. 13, 1884.

HYDRANTS.

The hydrants have been thoroughly examined, cleaned and oiled during the year.

Nineteen new ones have been added and located as follows:

One on Church street.

Two on Swain's Pond avenue.

One on Folsom avenue.

One on Ferdinand street.

Two on Otis street.

One on Fairmount street.

One on Frost avenue.

One on Crescent avenue.

One on Malvern street.

Two on Melrose street.

One on Highland avenue.

One on Lebanon street.

One on East street.

One on North avenue.

One on South avenue.

One on Glen street,

27 GATES SET IN 1894.

One 4-inch on Natalie avenue.

One 4-inch on Otis street.

One 4-inch on Linden street.

One 4-inch on Hawes avenue.

One 6-inch on Folsom avenue.

One 6-inch on Swain's Pond avenue.

One 4-inch on Appleton court.

One 12-inch on Main street.

Four 6-inch on Main street.

One 6-inch on Crescent avenue.

One 4-inch on Malvern street.

One 4-inch on Chester street.
 One 4-inch on Washington street.
 Two 6-inch on York terrace.
 One 6-inch on Frost avenue.
 One 6-inch on Highland avenue.
 One 6-inch on Glen street.
 One 6-inch on East street.
 Two 16-inch at Middlesex Fells Springs Co.
 One 12-inch " " "
 One 6-inch on Lebanon street.
 One 4-inch on South avenue.

PUMPING STATION.

The buildings are in good order. The pumps and boilers are in good repair, and have been well kept.

FURNITURE, STOCK, ETC., ON HAND JAN. 1, 1895.

Stock on hand,	.	.	.	.	.	.	.	\$8,991	53
Office furniture,	.	.	.	.	.	.	.	400	00
Tools and fixtures at pumping station,	.	.	.	.	.	.	.	100	00
Tools and fixtures at shop,	.	.	.	.	.	.	.	700	00
Horses, wagons, harnesses, robes, blankets, etc.,	.	.	.	.	.	.	.	800	00

\$10,991 53

Respectfully submitted,

JAMES W. RILEY,

Superintendent.

ENGINEER'S REPORT.

MELROSE PUMPING STATION,

DEC. 31, 1894.

Board of Water Commissioners, Melrose, Mass.:

GENTLEMEN: I herewith submit to you my report for the years of 1887 to 1894, inclusive, being the years since the High Service System has been in operation, showing the number of gallons of water pumped in each month of each year, coal consumed while pumping, coal in banking, ashes removed, and lift, including friction, as follows:

WATER REPORT.

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	Coal used while pumping—Lbs.	Coal used in banking—Lbs.	Gallons water pumped.	Duty foot lbs.	Lift, including friction and suction.—Feet.	Pounds ashes removed.	Hours running.
January, 1887,	24,900	9,600	12,358,904	59,608,631	117	4,181	168
February,	25,600	7,500	10,108,290	47,420,515	118	3,812	152
March,	53,000	6,300	14,111,064	32,168,317	117	4,764	170
April,	25,700	5,900	12,879,468	60,185,703	117	4,614	182
May,	31,400	6,900	16,762,068	64,034,528	119	10,369	189
June,	33,700	6,295	18,247,716	65,029,011	119	5,910	203
July,	29,600	13,700	18,578,016	75,376,534	120	7,027	226
August,	29,800	5,100	14,846,940	59,834,164		5,484	170
September,	27,900	5,700	14,286,852	61,497,984	120	4,372	156
October,	29,800	5,800	14,455,332	22,014,347	121	5,020	152
November,	26,500	5,400	12,890,772	58,420,005	127	4,357	130
December,	29,500	5,100	12,929,796	52,638,833	127	5,445	117
January, 1888,	29,300	7,100	13,544,316	55,522,804	130	5,742	132
February,	30,900	6,800	14,692,860	57,105,298	130	6,572	145
March,	29,100	6,000	13,732,380	56,673,673	126	4,106	137
April,	26,900	4,200	12,121,704	54,117,775	126	6,392	
May,	29,600	4,200	12,980,016	52,663,783	125	5,048	129
June,	33,200	6,000	17,837,424	64,524,194	129	4,941	182
July,	37,400	6,100	19,685,736	36,475,351	129	5,698	193
August,	31,400	5,100	17,236,876	65,926,110		4,611	188
September,	30,100	5,100	15,029,532	59,966,334	129	3,645	146
October,	29,500	4,800	14,821,272	60,338,151		4,073	140
November,	29,700	5,100	14,292,252	57,792,185	129	5,396	146
December,	31,900	5,400	16,804,656	63,265,578	137	5,504	164
January, 1889,	28,800	4,800	14,552,784	60,685,109	139	4,571	142
February,	25,700	4,800	14,124,816	66,005,210	139	4,381	141
March,	29,700	5,100	19,454,260	78,665,951	139	6,013	152
April,	26,500	5,100	14,053,320	63,688,585	139	5,375	144
May,	34,300	5,100	17,452,368	61,106,693	139	5,500	176
June,	31,400	4,800	16,407,580	62,754,290	139	6,137	161
July,	32,900	5,100	17,008,236	62,085,748	139	6,706	135
August,	32,800	5,100	16,311,240	59,723,008	139	6,594	159
September,	30,600	4,800	15,944,616	62,571,392	139	6,033	154
October,	29,000	4,800	14,839,920	61,454,862	139	4,327	143
November,	29,500	5,100	15,659,316	63,261,736	139	4,217	147
December,	38,400	5,100	19,202,920	60,053,382	139	3,980	179
January, 1890,	29,500	4,100	15,731,316	65,507,394	138	5,389	153
February,	23,300	4,800	13,070,268	67,368,536	137	4,377	127
March,	28,700	5,100	15,067,440	63,050,148	137	3,950	149
April,	26,500	4,600	14,281,020	64,720,504	137	4,913	139
May,	30,400	5,100	16,046,820	63,393,384	137	5,469	159
June,	33,800	5,400	17,757,864	63,096,107	137	5,793	212
July,	49,300	7,600	26,348,724	64,186,133	137	8,761	255
August,	39,400	6,400	20,779,632	63,338,813	137	2,538	203
September,	35,200	5,800	18,526,928	63,210,509	137	6,600	181
October,	35,700	5,800	18,547,920	61,992,464	137	6,602	176
November,	32,200	5,400	16,552,688	61,736,385	137	4,923	158
December,	38,700	6,000	19,478,952	60,448,171	137	7,634	189

	Coal used while pumping—Lbs.	Coal used in banking—Lbs.	Gallons water pumped.	Duty foot lbs.	Lift, including friction and suction.—Feet.	Pounds ashes removed.	Hours running.
January, 1891,	40,300	6,600	21,395,556	63,759,818	136	6,890	208
February,	35,700	7,200	18,988,884	63,879,244	136	6,680	184
March,	41,300	6,900	19,882,694	57,816,755	136	6,883	192
April,	35,400	6,600	18,964,332	64,337,299	136	6,396	156
May,	41,200	6,700	25,236,696	64,818,889	136	7,745	205
June,	46,900	8,521	25,446,528	65,160,473	136	8,253	
July,	46,800	9,300	26,505,900	68,018,217	136	8,454	257
August,	50,100	7,800	24,395,652	58,479,445	136	8,349	257
September,	37,900	7,500	20,973,160	66,458,908	136	8,143	231
October,	43,100	8,100	22,541,652	62,811,188	136	8,143	279
November,	36,700	8,100	19,197,628	62,821,713	137	2,489	184
December,	39,900	2,100	19,093,824	58,470,974	139	6,789	211
January, 1892,	37,000	7,800	18,256,572	59,257,872	143	1,837	186
February,	36,100	6,900	18,793,080	62,520,048	141	5,020	187
March,	40,600	8,700	20,591,496	60,910,253	138	1,535	210
April,	40,800	6,900	20,571,372	60,552,438	136	6,086	205
May,	42,800	8,100	22,028,292	62,478,000	134	7,351	169
June,	55,100	8,000	29,652,336	64,630,271	135	8,450	
July,	66,400	9,300	32,966,712	59,625,756	136	8,695	336
August,	43,600	8,500	22,271,472	61,346,667	138	5,122	257
September,	40,800	9,000	20,536,992	60,451,239	138	5,257	257
October,	39,800	7,500	20,188,332	60,918,038	140	5,907	227
November,	36,100	7,400	18,087,184	60,171,702	140	6,561	202
December,	38,400	8,100	18,811,460	58,832,841	140	6,786	217
January, 1893,	39,800	7,800	19,852,524	59,904,741	143	6,884	255
February,	46,500	7,500	21,825,072	56,367,824	141	7,948	242
March,	43,400	8,400	20,206,492	55,915,181	138	6,724	193
April,	35,800	7,500	17,766,936	59,659,048	136	6,393	209
May,	41,200	9,300	21,385,368	62,337,309	134	7,144	236
June,	49,600	9,000	25,866,396	62,630,054	135		
July,	53,700	9,300	28,876,392	64,579,872	136	8,784	313
August,	43,300	9,300	24,866,100	68,968,109	137	8,014	273
September,	36,000	9,000	18,661,608	62,255,124	138	5,114	217
October,	35,600	9,300	17,481,248	58,972,695	139	7,425	216
November,	30,500	6,000	15,595,524	61,408,526	140	4,741	179
December,	35,900	9,300	16,108,848	53,888,808	139	5,482	215
January, 1894,	33,800	8,400	16,858,296	59,899,777	141	11,987	165
February,	29,600	7,200	14,151,132	57,410,484	141	5,647	161
March,	27,500	7,300	14,722,748	64,296,114	144	5,742	165
April,	35,200	8,400	18,544,068	64,405,349	144	7,179	208
May,	33,300	9,300	18,728,604	67,544,457	144	7,439	213
June,	35,600	9,000	19,341,648	65,513,649	144	7,124	216
July,	43,500	12,900	25,321,068	69,907,103	144	7,800	274
August,	40,500	9,300	19,872,456	58,928,456	144	7,079	201
September,	51,100	8,700	26,104,284	61,350,686	144	8,017	297
October,	39,000	8,600	20,477,412	63,057,827	144	7,100	238
November,	27,300	8,100	11,722,832	51,570,155	144	3,936	151
December,	20,400	7,200	11,512,656	67,775,683	144	4,738	114

The monthly record will show the condition of the pond during the year. There has been a rain guage placed at the station by the city of Malden with the agreement that a report should be kept of the amount of rain fall, they furnishing blanks for same. The amount of rain fall from May, 1894, is as follows: May, 4.44; June, 2.1; July, 2.26; August, 1.73; September, 2.53; October, 5.30; November, 2.78; December, 3.75; total, 21.02.

The pumps have been painted, and the low pressure cylinder heads have been covered with asbestos. Everything is in good condition, except a little repairing on the brick work, under the boiler, which needs to be attended to.

Respectfully yours,

CHARLES F. CHURCHILL.

Engineer.

TOTAL AMOUNT AND LOCATION OF MAIN AND DISTRIBUTING PIPES TO PRESENT TIME.

STREETS.	FEET OF PIPE.							GATES.									
	16-in.	14-in.	12-in.	10-in.	8-in.	6-in.	4-in.	2-in.	1-in.	Hyd- rants.	16-in.	12-in.	10-in.	8-in.	6-in.	4-in.	2-in.
Adams Street...						340				1						1	
Ainsworth Court,							631		130								
Albion.....						205				1						1	
Appleton.....							222								1		
Appleton Court...								420									
Ashburton Court...							2,065			2					1	4	
Ashland						615											
Ashmont						182				1					1		
Ashmont Park...							372										
Auburn.....							422									1	
Avon						400				1					2		
Bartlett.....								150									
Battery Place							834			1						2	
Batchelder							494			1					2	1	1
Baxter						1,181	455			2							
Beach Avenue						636											
Bellevue Avenue						1,416	1,026			4					2		
Belmont and Belmont Pl.							738									1	
Berwick							1,226½			1						2	
Berwick						204	407										
Beverly						660				1						1	
Boardman Avenue						232	847			2					2	2	1
Botolph																	
Brazil							1,115			3							
Briggs						337											
Brunswick Park,							673									1	
Burrell							270	86									
Cass						582				1						1	
Cedar Park							1,206½			2						2	
Charles							335	595		1							
Cherry							387									1	1
Chester								138								1	
Chester							612			1						2	
Chestnut							817			1							
Chestnut							226			1							
Chestnut Park								210									
Chipman Avenue							175			1							
Church,							438									2	
Circuit										1						1	
Cleveland							1,065									2	
Clifton Park							390									1	
Cottage							1,142	193		2						2	
Crescent Avenue						956				2					3		

TOTAL AMOUNT AND LOCATION OF MAIN AND DISTRIBUTING PIPES TO PRESENT TIME.—Continued.

STREETS.	FEET OF PIPE.							Hyd- rants.	GATES.							
	16-in.	14-in.	12-in.	10-in.	8-in.	6-in.	4-in.		2-in.	1-in.	16-in.	12-in.	10-in.	8-in.	6-in.	4-in.
Crescent Court.....									100							
Crescent Place.....									200							
Crystal						450									1	
Cunner Avenue						500										
Cutter							338									
Dell Avenue							1,190								1	
Dill's Court							360			1					1	
East						850	594								1	
East Russell.....						448									1	
Eastman Place.....							300									1
Eighth									130	1						
Elliott						216										
Ellsworth Avenue.....								314							1	
Elm							1,057			1					2	1
Emerald.....							508									
Emerson Place.....								251								
Emerson						1,627				7					4	
Essex							3,987								2	
Essex							1,890			4						
Everett.....						285									1	
Faxon						390				1						
Faxon						525										
Fairmount.....																
Felton Place								245								
Ferdinand.....						1,160				2						
Fifth							934								3	
First						2,301				3						
Florence.....							357			1					3	
Florence.....						150	1,340			1						
Folsom Avenue.....						592				1					1	
Forest.....							260			1					1	
Foster, East and West.....						3,959	1,470½			8						
Frances						705									2	
Franklin						3,452	1,169			5					2	
Frost Avenue.....						270				1					1	
Garden							326			1						
Glen.....						288	7								1	
Goodyear Avenue							552								1	1
Goodyear Avenue						1,235	398			4						1
Goss Avenue						123									1	
Gould						924									2	
Gould																
Granite.....						175										
Granite.....						2,700									3	
Green										3						

TOTAL AMOUNT AND LOCATION OF MAIN AND DISTRIBUTING PIPES TO PRESENT TIME.—Continued.

STREETS.	FEET OF PIPE.							Hyd-rants.	GATES.						
	16-in.	14-in.	12-in.	10-in.	8-in.	6-in.	4-in.		16-in.	12-in.	10-in.	8-in.	6-in.	4-in.	2-in.
Orient Avenue							1,047	1					1		
Orient Place						263									1
Orris						1,179	1,268	2						4	
Otis						1,152	24	2						1	
Panama						112									
Para						268									
Park						1,526	4	2							
Parker															1
Perham Court															
Perkins							236								
Pine							338	1							
Pleasant						617								1	1
Porter						1,205	2,514½	5					2	2	
Porter Street Court						225									
Pond to Wyoming Avenue	3,810									2	2				
Pratt							378	1						1	
Prospect							1,026	1						1	
Pump to intersection			3,032					2			2				
Reading Hill Avenue						710		1							
Rendall Place								170							
Reservoir		96													
Rowe						63	1,331	3						4	1
Reservoir to Ravine Road			1,370								2				
Russell							706							1	
Sanford						816	6	2					1		
Sargent						485	900	2					1		
School						300								1	
Short							216							2	
Sibley						145							1		
Sixth						425	810	1					3		
South Avenue,						827		1					1	1	
Spear															
Spear Court															
Staples						430									
Stevens Place							110								
Summer							961	2						2	
Summit Avenue							442	1						1	
Suction			230												
Swain's Pond Avenue						1,740		3						1	
Sylvan						320		1							

TOTAL AMOUNT AND LOCATION OF MAIN AND DISTRIBUTING PIPES TO PRESENT TIME.—Continued.

STREETS.	FEET OF PIPE.						GATES.									
	16-in.	14-in.	12-in.	10-in.	8-in.	6-in.	4-in.	2-in.	Hyd. rants.	16-in.	12-in.	10-in.	8-in.	6-in.	4-in.	2-in.
Tappan.....						280	230	521	36					1	1	1
Tenth.....							419								2	
Third.....						1,465	827	247		2				1	2	1
Tremont.....							3,180	500		3					4	1
Trenton.....						1,223	1,331½			2				2	2	
Union.....							673			1				1	3	
Upham.....							5,581			6					2	
Vine.....							691			1					2	
Vinton.....						4,817½	436			6				4		
Walnut.....							187½								1	
Walton Park.....							1,447								1	
Warren.....							1,342			2					2	
Warwick Road.....							188									
Washington.....						3,160	1,756			4			3		5	
Waverley Place.....							3,245			1			2		1	
West Hill Avenue.....						897	690½			1				1		
Wheeler.....						60	158			1						
Whittier & Whittier's Wells.....						292				1		1				1
Willow.....								643							1	
Winter.....							241			1						
Winthrop Place.....							520			1						
Winthrop.....							695½								2	
Woodland Avenue.....							630			1				1	1	
Wyoming Avenue.....	3,360						1,396			4	3					
Wyoming Park.....							508			1						
Waste.....						55	51							3	2	
York Terrace.....						590	1,655½			2				2	1	
Youle.....																
Y. M. C. A. Court.....																
	7,206	3,096	10783	4,842	73,393	102,306	11,388½	797.	212	7	8	2	2	61	173	22

Total length of main and distributing pipes, 40¼ miles.

REPORT OF THE

Water Loan Sinking Fund Commissioners.

MELROSE, Jan. 1, 1895.

To the Town of Melrose:

The water loan sinking fund commissioners present herewith an account of their transactions for the past year.

At the date of their last report there was on hand	
in Melrose savings bank,	\$413 75
There has been received from the water board,	
being surplus of 1893,	7,221 55
Interest on water bonds, held in the fund,	160 00
" from town of Melrose on note,	288 86
" from Melrose savings bank,	18 34
	\$8,102 50

The disbursements and investments have been as follows:

Rent of safe deposit box,	\$10 00
Geo. Newhall, for services as treasurer,	50 00
Loaned on note of town of Melrose,	7,221 55
Cash on hand in Melrose savings bank,	820 95
	\$8,102 50

There is due from water board their surplus for	
1894,	\$427 26

The sinking fund Jan. 1, 1895, is as follows:

Melrose water bonds,	4,000 00
Note of town of Melrose,	7,221 55
Cash in Melrose savings bank,	820 95
	\$12,042 50

Respectfully submitted,

DANIEL RUSSELL,
JOHN W. FARWELL,
ROYAL P. BARRY,
Water Loan Sinking Fund Commissioners.

WARRANT.

To either of the Constables of the Town of Melrose, in the County of Middlesex: *GREETING.*

In the name of the Commonwealth of Massachusetts, you are hereby required to notify the Inhabitants of the Town of Melrose, qualified to vote in elections and Town affairs, to meet at the Town Hall, on Monday, the fourth day of March, A. D. 1895, at 6 o'clock a. m., then and there to act on the following Articles, viz :

ARTICLE I. To choose a Moderator.

2. To bring in their votes for Town Officers ; and in answer to the question "Shall licenses be granted for the sale of intoxicating liquors in this town ?" All ballots are to be furnished by the town, and will be distributed at the polls by officers duly appointed in accordance with provisions of laws accepted by the town. Polls to be kept open until 5.30 p. m.

3. To choose any other Town Officers deemed necessary, or required by law.

4. To authorize the Town Treasurer to borrow money, with the approval of the Selectmen, in anticipation of taxes.

5. To hear and act upon the report of the Finance Committee, appointed at meeting November 15, 1894.

6. To determine the amount of money to be raised and appropriated to defray town charges for the ensuing year, and for payment of the town debt.

7. To fix the compensation of all officers and committees elected and appointed by the town.

8. To raise money for the use of water in hydrants, public buildings, etc., and for any other necessary expenses for the ensuing year.

9. To determine the method by which the taxes for the year shall be collected.

10. To see if the town will vote to petition the legisla-

ture for authority to issue additional water fund bonds, and to pass any other vote deemed necessary in the premises.

11. To see if the town will vote to raise the sum of two hundred dollars (\$200), for keeping in repair and decorating the graves of soldiers on Memorial Day.

12. To hear and act upon the report of the committee on Central Fire Station, and to authorize the Town Treasurer to borrow money for the same if necessary.

13. To see if the Town will place a fire alarm box at the corner of Third street and Waverly avenue, and appropriate money for the same. By request of A. J. Burnett and others.

14. To see if the Town will place a fire alarm box at a point on Franklin street, near the residence of Nathan Webster. On petition of William P. Robinson and others.

15. To see what action the town will take in reference to the providing of a fire alarm bell at the Highlands, and raise or appropriate money for the same.

16. To hear the report of the committee appointed to consider and report upon the question of parks, and available land for park purposes, and to see if the Town will authorize the Park Commissioners of this Town to locate, lay out, and take land and Dix's pond in the rear of the Town Hall for park purposes; and to pass any vote necessary to lay out and take land for a public square or park in the rear of the Town Hall or elsewhere, or to accept and allow any report of the Park Commissioners laying out or taking any land as a public park or parks, and to raise, borrow, or appropriate money for the same.

17. To see what action the Town will take in the matter of authorizing its Board of Health to make and enforce such regulations as said Board may deem necessary for the safety and health of the people with reference to house drainage and its connection with public sewers, and to provide for connecting buildings with public sewers, in accordance with Chapter 108, Acts of 1889, and Chapter 132, Acts of 1890.

18. To see if the Town will authorize the Treasurer to sell and dispose of twenty-five bonds remaining unsold of

the issue of bonds "Melrose Sewerage Loan, Act of 1894."

19. To see if the Town will authorize the Selectmen, or Sewer Commissioners, to petition the legislature for authority to issue additional bonds, notes, or script, to be applied to the construction of a system of sewerage in the Town of Melrose, and for any other legislation which may be deemed necessary.

20. To see what action the Town will take in the matter of the assessment and apportionment of the estimated cost of the sewer; to determine what proportion shall be paid by the town and by the estates benefited, in accordance with the provisions of Chapter 50 of the Public Statutes, and of Chapter 245 of the Acts of 1892, and to pass any vote or votes connected with the subject of sewerage which may be deemed necessary.

21. To see if the Town will accept the laying out of certain main drains, or common sewers, as laid out for public use by the Sewer Commissioners, as provided in Chapter 50, Section 2, of the Public Statutes, as amended by the Acts of 1893, Chapter 423, Section 24, in the following courts or places, and over certain private lands: Allen Court or Place, Benson Court, Berwick Court or Place, Boston & Maine R. R. Land, Cass Street, Central Terrace and land of H. A. Leonard, Crescent Place, Dill Court, Eastman and Fields Courts, Emerson Place, Faulkner Place, Felton Place, Grove Place, Ingalls Court, Kimball Court, Larrabee Place, Perham Avenue, Stevens Place, Upham Court.

22. To see if the Town will authorize the Selectmen to purchase a new steam road roller, and raise or appropriate money for the same.

23. To see if the Town will properly drain Cedar Park and raise or appropriate money for the same.

24. To see what action the Town will take on the recommendation of the Selectmen relative to a stable for town purposes.

25. To see if the Town will authorize the Selectmen to purchase five horses for use in the Highway department, and appropriate money for the same.

26. To see what action the Town will take in the matter of property belonging to the estate of Philip McMahan.

which was wrongly assessed and sold for taxes for the years 1892 and 1893. On petition of John J. McCullough and others.

27. To see if the Town will raise or appropriate the sum of three hundred dollars, (\$300), for the purchase of a combination ambulance and patrol wagon.

28. To see if the Town will purchase a pair of horses for the Hook and Ladder Truck and hire a permanent driver, and appropriate eleven hundred dollars, (\$1,100), to pay for the same. On petition of Joseph Edwards and others.

29. To see if the Town will raise and appropriate money to pay certain volunteer soldiers of the Town or their families, in accordance with a vote of the said Town of Melrose passed on the sixth day of May, 1861. On the petition of William E. Barrett and others.

30. To see if the Town will authorize the Treasurer to hire money, with the approval of the Selectmen, for the purpose of renewing, replacing, or the payment of any loan or loans now existing.

31. To hear and act upon the reports of committees, and for the transaction of any other business that may legally come before this meeting.

And you are directed to serve this Warrant by posting attested copies thereof at the Town Hall, each of the Post Offices and Depots in the town, not less than seven days before the day appointed for said meeting, and by leaving printed copies of the Warrant at the dwellings of the legal voters before the day of meeting.

Hereof fail not, and make due return of this Warrant, with your doings thereon, to the Town Clerk, at the time and place of said meeting.

Given under our hands this fifteenth day of February, in the year one thousand eight hundred and ninety-five.

DANIEL NORTON,
EUGENE H. MOORE,
CHARLES W. COOK,
JOHN P. DEERING,
SIDNEY H. BUTTRICK,
Selectmen of Melrose.

A true copy. Attest.

A. B. PIERCE, Constable.

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REPORTS

OF THE

TOWN OFFICERS OF MELROSE

FOR THE

FINANCIAL YEAR

ENDING DECEMBER 31, 1895

MELROSE:

DUNTON & POTTER, PRINTERS, REPORTER OFFICE.

1896.

TOWN OFFICERS FOR 1895-96.

SELECTMEN.

DANIEL NORTON, Chairman,	C. W. COOK,	E. H. MOORE,
JOHN P. DEERING,	SIDNEY H. BUTTRICK.	

TOWN CLERK.

EDWARD K. BORDMAN.

TREASURER,

GEORGE NEWHALL.

COLLECTOR OF TAXES,
ADDISON LANE.

ASSESSORS.

GEO. C. STANTIAL, Chairman,	Term expires 1896
DEXTER PRATT,	" " 1898
HENRY A. LEONARD,	" " 1897

WATER COMMISSIONERS.

GEORGE J. BICKNELL, Chairman,	Term expires 1897
GEORGE L. MORSE,	" " 1896
CURTIS C. GOSS,	" " 1898

WATER LOAN SINKING FUND COMMISSIONERS.

DANIEL RUSSELL, Chairman,	Term expires 1896
RYOAL P. BARRY,	" " 1897
JOHN W. FARWELL,	" " 1898

SEWER COMMISSIONERS.

S. E. BENSON, Chairman,	Term expires 1897
L. FRANK HINCKLEY,	" " 1896
JOHN LARRABEE,	" " 1898

SCHOOL COMMITTEE.

JOHN O. NORRIS, Chairman,	Term expires 1896
BESSIE B. DEARBORN,	" " 1896
WILLIAM D. STEWART,	" " 1898
MABEL F. VALENTINE,	" " 1898
JOHN DIKE,	" " 1897
SUSAN F. FLANDERS,	" " 1897

TRUSTEES OF THE PUBLIC LIBRARY.

ELBRIDGE H. GOSS, Chairman,	Term expires 1896
CHARLES C. BARRY,	" " 1896
CHARLES A. PATCH, Treasurer,	" " 1898
MARY L. CHARLES, Secretary,	" " 1897
RUBY F. FARWELL,	" " 1898
GEORGE E. MUNROE,	" " 1897

AUDITOR,

EDWIN C. GOULD.

SUPERINTENDENT OF STREETS.

WALTER B. ELLIS.

OVERSEERS OF THE POOR.

HENRY G. FIELDS, Chairman,	Term expires 1897
MRS. MARTHA D. BALE,	" " 1898
THOMAS W. RIPLEY,	" " 1896

TOWN OFFICERS FOR 1895-96.

BOARD OF HEALTH.

JOHN E. SANBORN, M. D., Chairman,	Term expires 1898
E. L. WARREN, Secretary,	" " 1897
JOHN W. SPAULDING,	" " 1896

PARK COMMISSIONERS.

M. G. COCHRANE,	Term expires 1897
CHAS. H. ADAMS, Chairman,	" " 1896
FRANK F. PREBLE,	" " 1898

REGISTRARS OF VOTERS.

ALFRED HOCKING, Chairman,	Term expires May 1, 1896
WALTER BABB,	" " 1898
VICTOR C. KIRMES,	" " 1897

E. K. BORDMAN, Town Clerk, *ex-officio*.

CONSTABLES.

ANSEL B. PIERCE,	FRANK M. McLAUGHLIN,
OSBORNE E. DROWN,	C. F. W. FOGG.

ENGINEERS OF FIRE DEPARTMENT.

A. WILBUR LYNDE, Chief,	ALBION W. PARKER,
SAMUEL LEAR, Clerk.	

FOREST FIRE WARDS.

DEXTER PRATT, Chairman.	CHASE C. WORTHEN, Clerk,
CALVIN LOCKE,	JAMES MARSHALL.

MEASURERS OF WOOD AND BARK, WEIGHERS OF HAY AND COAL.

CHARLES B. GOSS,	SETH E. BENSON,	FRED H. GOSS.
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COMMITTEE ON CEMETERIES.

GEORGE NEWHALL, Chairman,	DANIEL RUSSELL,
JOHN LARRABEE, Secretary.	

FENCE VIEWERS.

DEXTER PRATT,	WALTER C. STEVENS.
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FIELD DRIVERS.

OTIS HOWARD,	FRANK GIBBONS.
FOUND KEEPER,	INSPECTOR OF BUILDINGS,
JOSEPH EDWARDS.	DEXTER PRATT.

INSPECTOR OF MILK AND SEALER OF WEIGHTS AND MEASURES,

INSPECTOR OF PROVISIONS AND ANIMALS.

FRANK M. McLAUGHLIN.

POLICE OFFICERS.

PERMANENT FORCE.

F. M. McLAUGHLIN, Chief,	OSBORNE E. DROWN,
ALLSTON H. PINEO,	WILLIAM A. CASWELL,
CHARLES F. W. FOGG,	REDFORD M. RAND,
HARRY BROWN,	GEORGE E. FULLER.

SPECIAL OFFICERS.

F. A. CARTER,	A. WILBUR LYNDE,
ARTHUR L. BRIGHAM,	GEORGE W. BURKE,
H. T. AINSLIN,	JOHN M. HAMLIN,
CHARLES J. WING,	WILLIAM McCARTHY.
JAMES DAVIDSON,	

PRECINCT OFFICERS.

PRECINCT NUMBER ONE.

WARDEN.
RUFUS S. CARPENTER.
CLERK.
C. W. HARLOW.

W. C. JOHNSTON,
E. G. PEARSON,

WARDEN.
S. A. LOVEJOY.

W. A. BURRELL,
C. W. COCHRANE,
FRANK N. PIERCE,
W. DEH. JONES,

WARDEN.
LEVI S. GOULD.

G. G. NEWHALL,
HENRY OSBORNE,
JOSEPH D. LORD,
C. C. SWIFT

INSPECTORS,
DEPUTY INSPECTORS.

PRECINCT NUMBER TWO.

CLERK.
GEORGE E. CARBEE.

INSPECTORS.
DEPUTY INSPECTORS,

PRECINCT NUMBER THREE.

CLERK.
PETER J. LYNCH.

INSPECTORS.
DEPUTY INSPECTORS.

DEPUTY WARDEN.
JAMES F. FERNALD
DEPUTY CLERK.
R. D. KILGORE.

SAMUEL LEAR.
E. L. CRAGIN.

DEPUTY WARDEN.
W. N. FOLSOM.

C. S. GORDON,
J. H. FOWKES.

W. J. LORD,
GEORGE W. DEW.

DEPUTY WARDEN.
A. J. BURNETT.

J. J. McCULLOUGH.
JOHN O. HAYES.

THOS. H. FLYNN,
C. H. SMITH.

REPORT OF THE SELECTMEN.

To the Citizens of Melrose:

The board of selectmen have the honor to submit the following report for the year ending December 31st, 1895.

FINANCES.

We are pleased to note that the financial condition of the town is very satisfactory. The gross debt is as follows :

Water loan,	.	.	.	.	.	.	\$259,000 00
Sewer loan,	.	.	.	.	.	.	160,000 00
Town Hall bonds,	.	.	.	.	.	.	45,000 00
Permanent loan,	.	.	.	.	.	.	65,000 00
Temporary loan,	.	.	.	.	.	.	78,621 55
							\$607,621 55

From this amount is to be deducted interest, cash in the hands of the treasurer, uncollected taxes, etc., all of which will be found in the report of the treasurer.

Our valuation is still on the increase, the gain for the year being \$713,877; total valuation being \$10,638,750, as compared with \$9,924,873, the valuation of 1894.

The town voted in November to petition the legislature that the indebtedness incurred for sewer construction be placed outside the debt limit, which, if granted, will put the town in a very good condition financially. We are well aware that the coming year will be one upon which great demands will be made upon our treasury, and while it is a good plan to be cautious and considerate in the expenditure of money, there are certain necessary public works that must be done for the healthy growth and good reputation of our town and for the welfare of the citizens.

HIGHWAYS.

It must be evident to the citizens of the town, that under existing conditions, it is almost impossible to keep our streets in good repair. With the laying of the sewer and its connections, the streets have been in an unsatisfactory state both to the officials who have them in charge and to the citizens using them. There is but one remedy, to our mind, and that is to place them under the charge of a civil engineer, who shall plan all the highway work, whether for building and repairing of streets or the laying of water and sewer pipes. We recognize that under the statutes the selectmen, and the superintendent of streets as their agent, have full authority; but under special acts of the legislature certain powers are given to other boards that conflict, in a measure, with the work of the selectmen, and we would therefore recommend for your consideration that an engineering department be established, to obviate these difficul-

ties under which we are now laboring, believing that money will be saved and the best results obtained for the welfare of the town.

Nearly all the money appropriated for the highways has been used in general repairs, a detailed account of which will be found in the report of the superintendent of streets. No amount of street building or re-surfacing has been done, with the exception of Main street, which has been built in a substantial manner, on the Telford system, from the Malden line, northerly about 3700 feet. In accordance with the vote of the town, we purchased in May an O. S. Kelly steam road roller, one of the best and largest manufactured, and its work has been highly satisfactory, it having been in constant use since we received it. We have laid during the year 5419.58 yards of concrete, and 551.75 yards of brick sidewalk. It should be decided that on our main thoroughfares no more concrete should be laid, but that brick should be used, with granite edge stones, although the first cost is greater, yet it will be economy in the end, for with brick the wear is more even and much less than with concrete. Experience has also convinced us that the laying of concrete gutters on the side hill streets are not as serviceable or economical as those made of stone, and we have laid during the year 630 yards of stone gutters at an expense of about 50 cents a square yard. We have on hand at the present time enough stone to build about a mile of gutters. We desire to call to your attention the fact that it has cost the town the past year over \$800 for repairs on the stone crusher, and the time has arrived when we should seriously consider the purchase of a new stone crusher, to do the work properly. There is no one item of our municipal undertakings that is so much criticised at the present time as the proper care of our highways; the public demand that our streets be made safe, con-

venient and comfortable to travel upon. With this end in view, it is absolutely necessary that enough money be appropriated by the town for the successful carrying out of such work, that the demands of the people may be satisfied.

MAIN STREET.

On the 7th of March, 1895, the selectmen certified to the county commissioners, that the order issued by them on the second Tuesday in January, 1892, to widen and build Main street to a width of sixty feet from Mt. Vernon street, north-erly to the junction of Porter, Green and Lebanon streets, had been complied with. On receipt of the said certificate, the town treasurer received from the county treasurer the sum of \$6500, being the amount agreed upon by the county commissioners, as the share of the county in the expense of widening and building the street, and now, as all claims for land damages are settled, we have prepared and submit for your consideration a brief summary of the charges and expenses of this great improvement, showing the actual cost of the work. The figures as given by the petitioner for the estimated expense, at the town meeting when the matter was first brought before the town, was \$14,738, or in round numbers, \$15,000. The actual cost is \$15,924.81, divided as follows:

Land damages,	.	.	.	.	.	.	\$15,801 57
Labor,	.	.	.	.	.	.	5,092 97
Counsel fees,	.	.	.	.	.	.	1,250 00
Court fees,	.	.	.	.	.	.	280 33
							\$22,424 87
Less amount received from county,	.						6,500 00
							\$15,924 87

By vote of the town your selectmen were directed to expend \$5,000 of the highway appropriation this year for the rebuilding of Main street, commencing at the Malden line. This has been done in an excellent manner, and we trust that the town will continue to make permanent improvements on our main highway. The section between Foster and Essex streets should be thoroughly drained, and paved with square granite block paving. Great improvements have been made on that portion north of Emerson street, to the junction of Green, Porter and Lebanon streets. A broad concrete sidewalk laid on the west side, and the space between the sidewalk and the pond has been filled and graded, and a suitable iron fence erected on the border of the pond.

STREET LIGHTS.

We continue the same service as the year previous, with the Malden Electric Light Co., on the moon schedule. The lamps to be lit twenty nights a month. We have in operation to-day 42 arc lights and 400 incandescent.

POLICE AND FIRE DEPARTMENTS.

We wish to record our appreciation and commendation of the services performed by the police and fire departments of the town; active, vigilant and conscientious in their work. We are justly proud of their labors during the year.

CLEVELAND STREET.

The vote of the town directing the selectmen to widen that portion of Cleveland street between Wyoming avenue

and Baxter street, has been complied with ; the land necessary to widen the same having been conveyed to the town by deed from the abutters, the buildings moved back, put in order, and the street and sidewalk built.

TOWN HALL.

During the year, on the removal of the National Bank and the Public Library, the lower part of the hall has been arranged so that all the offices of the town are now accommodated within the building, to the satisfaction of the town officials and the public, and in the interest of the town the following vote was passed by the selectmen :

Voted, That no organizations, committees or societies, be allowed to use any of the offices in the Town Hall, other than for regular town business.

It must be apparent to every observing citizen that the building is sadly in need of repair, and we trust that an appropriation will be provided so that the necessary repairs may be made. We present the needs of the building for your consideration. The boiler has outlived its usefulness, grown old in the service of the town, and its life all worn out, it having been in the building since its erection, nearly twenty-five years. The walls in the corridors and hall should be cleaned and repainted; the closets removed from the upper floor to the hall floor, and the building wired for electricity. These are the principal repairs, and it goes without saying—that in providing for each item, means not wholly what is actually necessary, but a reduction of the expense in caring for the hall. We have put throughout the building new plumbing and connected with the sewer, and on the recommendation of the state inspector of buildings, built two solid brick piers in the base-

ment to support iron columns that hold up the beam running along the east side of the hall ; by doing this, we have made the hall perfectly safe.

PERAMBULATION OF TOWN BOUNDARY.

With the selectmen of Stoneham, your selectmen perambulated the boundary line between the towns of Stoneham and Melrose, and found the original bounds in their proper place and in good condition.

BOSTON & MAINE R. R. CO.

At the town meeting held April 8th, 1895, the following resolve was passed :

Resolved, That the selectmen be directed by the citizens of Melrose, in town meeting assembled, to request the directors of said Boston & Maine R. R. to cause a suitable station to be erected at the point indicated. (Wyoming) without delay, and if unsuccessful with them, to appeal to the honorable board of railroad commissioners of the Commonwealth of Massachusetts.

Acting upon this resolve, your selectmen had numerous interviews with the general manager of the B. & M. R. R., but to no satisfactory end, and at last a petition was drawn up by R. R. Gilman, Esq., and other residents of Wyoming, and presented to the railroad commissioners, who granted a hearing. And as the result of that hearing, at which your board with citizens of the town were present, they ordered the station to be moved back, a platform to be built on the west side to correspond with the one on the opposite side and to be covered ; all to be temporary, preparatory to the management building a new station in the near future. This order has been complied with, and we wait patiently for the completion of the new structure, which shall be not only a

safe and comfortable building, with all modern improvements for the welfare of the traveling public, but also an ornament to our town.

On the 15th of June, a petition of the citizens of the town to the railroad commissioners was recommended by the selectmen, to order the B. & M. R. R. Co. to do away with the shifting of freight trains at the Emerson and Foster streets crossings, and on this petition a hearing was ordered for Tuesday, Oct. 22d, at which time and place your selectmen, with citizens of the town, appeared, and as the result of the hearing, the railroad company has discontinued the freight track across Emerson street, and removed the bunters of the other freight tracks to a distance of 30 feet from the street, a suitable iron fence being placed along the east side of the platform, thus doing away with what has been for a long time an annoyance and constant menace to the lives of the citizens of the town using the crossing at the Melrose station. They further agreed that there should be no switching of trains at the Foster street crossing between the hours of 8.30 and 9 a. m.

PUBLIC HEARINGS.

On petition of N. N. Worthley and others, to erect and maintain the necessary poles and wires for telephonic service, a hearing was held on June 1st, and on August 13th it was voted, "That permission be granted to the Century Telephone Co. to erect seven poles, with the privilege of maintaining wires thereon for telephonic service, providing that permission is obtained from the Malden Electric Light Co. to use their poles in connection therewith." On account of the company not making satisfactory arrangements with the Electric Light Company, they withdrew their petition, and returned the permit granted to them.

On petition of the Lynn & Boston R. R. Co., a hearing

was held on June 11th, 1895, and the following permit granted: "A location is given for tracks, commencing at a point on Howard street and continuing on the southeast of the triangular lot to a connection with the track on Green street, with all the necessary curves, switches, etc. Also, for the right to use electricity as a motive power on the cars to be run on the above-named location, and to erect and maintain the necessary poles for the support of the overhead-wire system."

On petition of G. J. Bicknell, Esq., to maintain a stable for more than four horses, on Franklin street, a hearing was held June 11th, and the petition was dismissed.

On petition of C. C. Swett, Esq., for permit to build and occupy a stable for more than four horses, on Grove street, a hearing was held Nov. 1st, and the petition dismissed.

On petition of O. F. Frost, Esq., for permit to build and occupy a stable for more than four horses, on Winthrop street, a hearing was held on Nov. 1st, and a permit granted.

As we close our report for the year that has passed, it is with a certain degree of satisfaction that our efforts to carry on the business of the town have been in a measure appreciated by the citizens. We have endeavored to do the work necessary for the welfare of our town in a judicious and economical manner. Your instructions have been complied with, and the demands of every citizen, and from all sections of the town, carefully considered, and as far as we were able so to do, carried out.

DANIEL NORTON,
EUGENE H. MOORE,
CHARLES W. COOK,
JOHN P. DEERING,
SIDNEY H. BUTTRICK,

Selectmen of Melrose.

RECORDS OF TOWN MEETINGS IN 1895.

WARRANT FOR MEETING,

MARCH 4th, 1895.

To either of the Constables of the Town of Melrose, in the County of Middlesex: *GREETING.*

In the name of the Commonwealth of Massachusetts, you are hereby required to notify the inhabitants of the town of Melrose, qualified to vote in elections and town affairs, to meet at the Town Hall, on Monday, the fourth day of March, A. D. 1895, at 6 o'clock a. m., then and there to act on the following articles, viz.:

Article 1. To choose a moderator.

Art. 2. To bring in their votes for town officers ; and in answer to the question, "Shall licenses be granted for the sale of intoxicating liquors in this town?" All ballots are to be furnished by the town, and will be distributed at the polls by officers duly appointed in accordance with provisions of laws accepted by the town. Polls to be kept open until 5.30 p. m.

Art. 3. To choose any other town officers deemed necessary, or required by law.

Art. 4. To authorize the town treasurer to borrow money, with the approval of the selectmen, in anticipation of taxes.

Art. 5. To hear and act upon the report of the finance committee, appointed at meeting November 15, 1894.

Art. 6. To determine the amount of money to be raised and appropriated to defray town charges for the ensuing year, and for payment of the town debt.

Art. 7. To fix the compensation of all officers and committees elected or appointed by the town.

Art. 8. To raise money for the use of water in hydrants, public buildings, etc., and for any other necessary expenses for the ensuing year.

Art. 9. To determine the method by which the taxes for the year shall be collected.

Art. 10. To see if the town will vote to petition the legislature for authority to issue additional water fund bonds, and to pass any other vote deemed necessary in the premises.

Art. 11. To see if the town will vote to raise the sum of two hundred dollars (\$200,) for keeping in repair and decorating the graves of soldiers on Memorial day.

Art. 12. To hear and act upon the report of the committee on Central fire station, and to authorize the town treasurer to borrow money for the same, if necessary.

Art. 13. To see if the town will place a fire-alarm box at the corner of Third street and Waverly avenue, and appropriate money for the same. By request of A. J. Burnett and others.

Art. 14. To see if the town will place a fire-alarm box at a point on Franklin street near the residence of Nathan Webster. On petition of William P. Robinson and others.

Art. 15. To see what action the town will take in reference to the providing of a fire-alarm bell at the Highlands, and raise or appropriate money for the same.

Art. 16. To hear the report of the committee appointed to consider and report upon the question of parks, and available land for park purposes, and to see if the town will authorize the park commissioners of this town to locate, lay out, and take land and Dix's pond in the rear of the Town

Hall for park purposes ; and to pass any vote necessary to lay out and take land for a public square or park in the rear of the Town Hall, or elsewhere, or to accept and allow any report of the park commissioners laying out or taking any land as a public park or parks, and to raise, borrow, or appropriate money for the same.

Art. 17. To see what action the town will take in the matter of authorizing its board of health to make and enforce such regulations as said board may deem necessary for the safety and health of the people with reference to house drainage and its connection with public sewers, and to provide for connecting buildings with public sewers, in accordance with chapter 108, acts of 1889, and chapter 132, acts of 1890.

Art. 18. To see if the town will authorize the treasurer to sell and dispose of twenty-five bonds remaining unsold of the issue of bonds "Melrose Sewerage Loan," act of 1894.

Art. 19. To see if the town will authorize the selectmen, or sewer commissioners, to petition the legislature for authority to issue additional bonds, notes, or scrip, to be applied to the construction of a system of sewerage in the town of Melrose, and for any other legislation which may be deemed necessary.

Art. 20. To see what action the town will take in the matter of the assessment and apportionment of the estimated cost of the sewer; to determine what proportion shall be paid by the town and by the estates benefited, in accordance with the provisions of chapter 50 of the Public Statutes, and of chapter 245 of the acts of 1892, and to pass any vote or votes connected with the subject of sewerage which may be deemed necessary.

Art. 21. To see if the town will accept the laying out of certain main drains, or common sewers, as laid out for public use by the sewer commissioners, as provided in chapter

50, section 2, of the Public Statutes, as amended by the acts of 1893, chapter 423, section 24, in the following courts or places, and over certain private lands: Allen court or place, Benson court, Berwick court or place, Boston & Maine R. R. land, Cass street, Central terrace and land of H. A. Leonard, Crescent place, Dill court, Eastman and Fields courts, Emerson place, Faulkner place, Felton place, Grove place, Ingalls court, Kimball court, Larrabee place, Perham avenue, Stevens place, Upham court.

Art. 22. To see if the town will authorize the selectmen to purchase a new steam road roller, and raise or appropriate money for the same.

Art. 23. To see if the town will properly drain Cedar park and raise or appropriate money for the same.

Art. 24. To see what action the town will take on the recommendation of the selectmen relative to a stable for town purposes.

Art. 25. To see if the town will authorize the selectmen to purchase five horses for use in the highway department, and appropriate money for the same.

Art. 26. To see what action the town will take in the matter of property belonging to the estate of Philip McMahan, which was wrongly assessed and sold for taxes for the years 1892 and 1893. On petition of John J. McCullough and others.

Art. 27. To see if the town will raise or appropriate the sum of three hundred dollars, (\$300), for the purchase of a combination ambulance and patrol wagon.

Art. 28. To see if the town will purchase a pair of horses for the hook and ladder truck and hire a permanent driver, and appropriate eleven hundred dollars, (\$1,100), to pay for the same. On petition of Joseph Edwards and others.

Art. 29. To see if the town will raise and appropriate money to pay certain volunteer soldiers of the town or their

families, in accordance with a vote of the said town of Melrose passed on the sixth day of May, 1861. On the petition of William E. Barrett and others.

Art. 30. To see if the town will authorize the treasurer to hire money, with the approval of the selectmen, for the purpose of renewing, replacing, or the payment of any loan or loans now existing.

Art. 31. To hear and act upon the reports of committees, and for the transaction of any other business that may legally come before this meeting.

And you are directed to serve this warrant by posting attested copies thereof at the Town Hall, each of the post offices and depots in the town, not less than seven days before the day appointed for said meeting, and by leaving printed copies of the warrant at the dwellings of the legal voters before the day of meeting.

Hereof fail not, and make due return of this warrant, with your doings thereon, to the town clerk, at the time and place of said meeting.

Given under our hands this fifteenth day of February, in the year one thousand eight hundred and ninety-five.

DANIEL NORTON,
EUGENE H. MOORE,
CHARLES W. COOK,
JOHN P. DEERING,
SIDNEY H. BUTTRICK,

Selectmen of Melrose.

Warrant served by A. B. PIERCE, Constable.

Annual Town Meeting, March 4, 1895, 6 o'clock a. m.

Article 1. Chose Levi S. Gould, moderator, by a unanimous vote.

Art. 2. Ballot clerks appointed by selectmen :

Albon W. Parker,	Samuel Lear,
Charles W. Cochrane,	Curtis S. Gordon,

Tellers appointed by the Moderator :

W. DeHaven Jones,	Sidney D. Farrar,
Henry A. Jenks,	Henry Osborne,
Victor C. Kirmes,	John J. McCullough,
Thomas T. Bailey,	William A. Burrell,
George W. Carr.	

The above-named officers were duly sworn by the moderator.

Voted, That the further consideration of town business be adjourned until Monday evening next, at 7.30 o'clock.

Polls opened at 6 o'clock a. m. Closed at 5.30 o'clock p. m.

Result of the election announced by the moderator at 9.20 p. m.

Total number of ballots cast (male)	. . .	1095
“ “ “ “ (female)	. .	14
Ballot box registered		1109

RESULT OF THE ELECTION.

Selectmen.

	VOTES
Sidney H. Buttrick, 87 Essex street, . . .	784
Charles W. Cook, 59 Walton park, . . .	674
John P. Deering, 486 Lebanon street, . . .	819
Eugene H. Moore, 220 Porter street, . . .	867
Daniel Norton, 11 Chestnut street, . . .	801
Joshua T. Nowell, Ferdinand street, . . .	500
William Turner, 454 Main street, . . .	196
Scattering,	7
Blanks,	827
Total,	5475

Town Clerk.

Edward K. Bordman, 94 Cottage street, . .	975
Blanks,	120
Total,	1095

Town Treasurer.

George Newhall, 94 Myrtle street, . . .	964
Scattering,	1
Blanks,	130
Total,	1095

Collector of Taxes.

Addison Lane, 143 Myrtle street, . . .	967
Blanks,	128
Total,	1095

Assessor, for three years.

Henry E. Johnson, 36 Malvern street,	423
Dexter Pratt, 64 Franklin street,	599
Blanks, ,	73
Total,	<u>1095</u>

Sewer Commissioner, for three years.

John Larrabee, 34 Foster street,	955
Scattering,	4
Blanks,	136
Total,	<u>1095</u>

Water Commissioner, for three years.

Curtis C. Goss, 24 Chestnut park,	925
Scattering,	4
Blanks,	166
Total,	<u>1095</u>

Water Loan Sinking Fund Commissioner, for three years.

John W. Farwell, 53 Emerson street, W., . .	886
Scattering,	1
Blanks,	208
Total,	<u>1095</u>

School Committee, for three years.

Ella F. Macdonald, 33 Brunswick park, . .	378
William D. Stewart, 21 Woodland avenue, . .	528
Willis M. Townsend, 166 Franklin street, . .	475
Mabel A. Valentine, 229 Tremont street, . .	574
Scattering,	2
Blanks,	233
Total,	<u>2190</u>

Trustees of Public Library, for three years.

Ruby F. Farwell, 53 Emerson street, W.,	851
Chares A. Patch, 30 Oakland street,	825
Scattering,	1
Blanks,	513
Total,	2190

Auditor.

Edwin C. Gould, 334 Main street,	903
Scattering,	3
Blanks,	189
Total,	1095

Overseer of the Poor, for three years.

Martha D. Bale, 37 Foster street,	900
Scattering,	2
Blanks,	193
Total,	1095

Board of Health, for three years.

John E. Sanborn, 68 Upham street,	860
Scattering,	4
Blanks,	231
Total,	1095

Park Commissioner, for three years.

Frank F. Preble, 114 Trenton street,	549
Edwin S. Small, 273 Main street,	352
Scattering,	1
Blanks,	193
Total,	1095

Constables.

Osborne E. Drown, 43 Foster street, E., . . .	850
Charles F. W. Fogg, 102 Foster street, E., . .	854
Frank M. McLaughlin, 41 Upham street, . .	785
Ansel B. Pierce, 10 Emerson street, E., . .	887
Scattering,	15
Blanks,	989
Total,	<u>4380</u>

License Question.

Shall licenses be granted for the sale of intoxicating liquors in this town?

"Yes,"	220
"No,"	729
Blanks,	146
Total,	<u>1095</u>

Voted, To adjourn.

Adjourned Town Meeting, March 11, 1895, 7.30 o'clock.

Met according to adjournment.

Voted, That when this meeting adjourns it shall be to Tuesday evening, March 19, 1895, at 7.30 o'clock, and that each adjourned meeting shall close at 10 o'clock p. m., until the business called for in the warrant has been completed.

Voted, To take up

Article 3. Town officers elected

Measurers of wood and bark and weighers of hay and coal, Charles B. Goss, Seth E. Benson and Fred H. Goss ; fence viewers, Dexter Pratt and Walter C. Stevens ; field drivers, Otis Howard and Frank Gibbons ; pound keeper, Joseph Edwards ; cemetery committee, Daniel Russell, Geo. Newhall, John Larrabee ; forest-fire wards, Dexter Pratt, Calvin Locke, Chase C. Worthen, James Marshall.

Art. 4. *Voted*, unanimously, That for the purpose of procuring a temporary loan to and for the use of the town of Melrose, in anticipation of the taxes of the present municipal year, the town treasurer is hereby authorized and directed to borrow from time to time, with the approval of the selectmen, a sum or sums in the aggregate amounting to seventy-five thousand dollars (\$75,000), and to execute and deliver the note or notes of the town therefor, payable within one year from the time the loan is made, with interest thereon at a rate not exceeding 4 per cent. per annum. Any debt or debts incurred by a loan or loans to the town under this vote shall be paid from the taxes of the present municipal year.

Art. 30. *Voted*, unanimously, That the treasurer be authorized, with the approval of the selectmen, to hire money to renew, replace or pay any existing loan or loans, and issue notes of the town therefor.

Art. 18. *Voted*, unanimously, That the town treasurer sell direct the twenty-five (25) sewerage bonds remaining unsold of the issue of 1894, for the highest obtainable price, by giving notice by publication, or otherwise, to the purchasers of municipal bonds to make sealed bids for the whole or any part thereof ; the offer of the highest bidder to be accepted if the same shall be satisfactory to the treas-

urer, the right being reserved by him to reject any or all of the said bids.

Art. 19. *Voted*, unanimously, That the selectmen and sewer commissioners, for and in behalf of the town, are hereby authorized to petition the legislature for the passage of an act authorizing the issue of bonds to the amount of one hundred thousand dollars (\$100,000), bearing interest at not exceeding 4 per cent. per annum; the proceeds to be used for the construction and extension of a sewerage system for the town of Melrose; and for the passage of such other legislation as may be deemed necessary for the building, maintenance and operation of said system.

Art. 10. *Voted*, unanimously. That the selectmen and water commissioners, for and in behalf of the town, are hereby authorized to petition the legislature for the passage of an act authorizing the issue of water fund bonds to the amount of fifty thousand dollars, (\$50,000,) bearing interest at not exceeding four per cent. per annum; the proceeds to be used for the construction and extension of the water works of the town of Melrose.

Art. 5. Report of finance committee read and accepted.

Art. 6 and 7. *Voted*, That there be raised by taxation for

Support of schools,	.	.	.	.	.	\$49,000 00
Highways, crossings and gutters	.	.	.	.	.	15,000 00

That \$5000 of the amount raised for highways be expended in macadamizing Main street, beginning at the Malden line and working northerly; and that \$1000 be expended for crossings and gutters where most needed. The selectmen are directed to use \$200 of the highway appropriation to be added to the \$1000 already appropriated for Cleaveland street.

Fire department, \$8,000 00
 \$750 of which shall be for new hose, and \$250 for
 fire alarm boxes.

Health department, 1,700 00

Interest on town debt, 5,000 00

Insurance, 600 00

Contingent expenses, including printing, &c., . . . 3,500 00

Numbering buildings, 75 00

Police and watchmen, 8,000 00

\$300 of which amount shall be expended for the
 purchase of an ambulance and patrol wagon.

Support of poor, 7,000 00

Public library, dog-tax, and 3,500 00

Sidewalks, receipts, unexpended balance, and . . . 3,000 00

To be expended as follows: \$1,000 for repairs on existing walks. Where walks are to be made continuous, preference to be given to the extent of \$1,500, which amount with the remainder shall be expended in such manner and where deemed necessary by the board of selectmen, for concrete or brick sidewalks, under provisions of laws accepted by the town relating to sidewalks, by which abutters pay one-half the expense of walks laid opposite their estates.

Voted, That proper application blanks be prepared and an estimate furnished of the cost of sidewalks opposite estates, and that hereafter walks shall not be laid until the applicant shall have deposited *one-half* the estimated cost of walk applied for with the town treasurer. Any excess in deposit of amount required, to be refunded by the town, and any deficit to be made good by the applicant.

Street lights, \$8,500 00

which shall include the furnishing of an additional circuit of forty incandescent lamps to be located by the selectmen.

Town hall, receipts and	\$1,000 00
Military aid,	200 00
Soldiers' relief,	1,000 00
Public parks,	250 00
Reduction of town debt, bank and corporation taxes and	5,000 00

Deficiencies in accounts, viz:

Insurance,	\$741 80	
Contingent,	249 49	
Soldiers' relief,	613 63	
Special contingent,	1,112 37	
Main street widening,	1,955 96	4,672 35
Water, use of		3,000 00
Memorial day,		200 00
Total,		\$128,198 25

On the question of raising and appropriating the sum recommended by the finance committee for salaries of town officers, an amendment was offered, the previous question was ordered, the amendment was declared not carried, and it was

Voted, That the salaries of the selectmen be \$100 each, and for clerical services, \$100. Total, \$600.

Voted, To adjourn.

*Adjourned Town Meeting, Tuesday, March 19, 1895,
7.30 o'clock.*

Met according to adjournment.

Articles 6 and 7, continued. *Voted*, unanimously, That

the sum of four thousand nine hundred and seventy-five dollars (\$4975) be appropriated for salaries of town officers, as per report of finance committee.

Charles H. Adams gave notice that he would move a reconsideration of salaries of town officers, so far as those of the selectmen are concerned.

Amount of appropriations brought forward,	\$128,198 25
Selectmen, 100 each; for clerical services of said board, \$100,	600 00
Town clerk,	400 00
Town treasurer,	500 00
Town auditor,	300 00
Overseers of the poor, Chairman, \$200; other members, \$50 each	300 00
Assessors, \$250 each, \$750; clerical services, \$350,	1,100 00
Board of health, \$50 each,	150 00
Registrars of voters, \$50 each, with exception of clerk, \$100,	250 00
Inspector of buildings,	100 00
Forest fire wards, \$15 each,	7 500
Collector of taxes, $\frac{1}{2}$ of 1 per cent. on real and personal property, and $7\frac{1}{2}$ per cent. on polls, estimated,	1,200 00

\$133,173 25

Voted, That the salaries of the

Water commissioners be \$50 each,	\$150 00
Cemetery committee, " \$25 "	75 00
Superintendent of streets,	1,000 00
Water registrar,	800 00
Superintendent water department,	1,100 00
Treasurer water loan sinking fund,	50 00
Sewer commissioners, \$50 each,	150 00

\$3,325 00

To be paid from the funds of their several departments.

Article 22. *Voted*, That the selectmen be authorized to purchase a new steam road roller, and that the sum of three thousand seven hundred dollars (\$3700) be raised or appropriated for that purpose. *Voted* also, That the selectmen be authorized to sell the old roller for the highest obtainable price.

Art. 9. *Voted*, That all single poll and personal taxes be due on delivery of bills, and payable on or before October 1, 1895. That all other taxes be made payable on or before October 1, 1895, and that interest be added upon all taxes remaining unpaid after that date at the rate of 6 per centum per annum; that all property upon which the taxes remain unpaid June 1, 1896, be sold by the collector in accordance with the provisions of law, and that he be instructed to strictly carry out the provisions of the above vote.

Art. 12. *Voted*, That the town erect a brick building for a Central fire station, on land belonging to the town, in the rear of the town hall building, and that the treasurer be authorized to borrow the sum of twenty thousand dollars (\$20,000) at an annual interest not to exceed 4 per cent. to pay for the same, and that a committee of seven be appointed to carry out this vote.

The check lists and "Yes" and "No" ballots were used.

Whole number of votes cast,		280
"Yes,"		211
"No,"		69

The committee is composed as follows, viz:

John P. Deering, chairman; Charles W. Cook, A. Wilbur Lynde, Samuel Lear, Dexter Pratt, A. B. Franklin and John Scott.

Art. 29. *Voted*, That the matter of raising or appropriating money to pay certain volunteer soldiers of the town, or their families, in accordance with a vote passed May 6, 1861, be referred back to the old committee, with seven others added, and to report at some future meeting of the town.

The full committee is composed of the following named gentlemen:

William E. Barrett, John Larrabee, John E. Marshall, Alfred Hocking, Frank E. Orcutt, F. S. Hesseltine, Charles C. Barry, J. W. Spaulding, S. F. Keyes and Frank H. Merrill.

Voted, To adjourn to Thursday evening, March 21, 1895, 7.30 o'clock.

Adjourned Town Meeting, Thursday evening, March 21, 1895, 7.30 o'clock.

Met according to adjournment.

Art. 13. *Voted*, That the engineers of the fire department be instructed to place a fire alarm box at the corner of Third street and Waverly avenue.

Art. 14. *Voted*, That the engineers of the fire department be instructed to place a fire alarm box on Franklin street near the residence of Nathan Webster.

Art. 15. Motion to appropriate \$300 for fire alarm bell at the Highlands. Not carried.

Article 17. *Voted*, That the board of health be hereby authorized and directed to *make* and *enforce* such rules and regulations as said board may deem necessary for the safety and health of the people, with reference to house drainage and its connection with public sewers, where a public sewer abuts the estate to be drained, in accordance with the provisions of Chapter 108, Acts of 1889. They are also directed to enforce the provisions of Chapter 132, Acts of 1890, which provides for the connecting of buildings with public sewers, whenever in their judgment the public good so requires.

Art. 20. *Voted*, That when this meeting adjourns it shall be to Monday evening, April 8, 1895; that a committee of five be appointed to act in conjunction with the sewer commissioners in the consideration of plans for the assessment and apportionment of the estimated cost of the sewer and report at said adjourned meeting.

Committee: Levi S. Gould, Moses S. Page, Royal P. Barry, George L. Morse and George J. Bicknell.

Art. 31. *Voted*, unanimously, That the \$6500 received from the county treasurer on account of the widening of Main street be applied to the reduction of the debt created by the widening of that street.

Art. 26. *Voted*, That the town treasurer, with the approval of the selectmen, be authorized to refund such sum or sums as were received from sale of lot of land belonging to the estate of Philip McMahan, which was wrongly assessed and sold for taxes for the years 1892 and 1893, together with any legal expenses upon the same; said amount to be paid from any money not otherwise appropriated.

Art. 28. Not a vote.

Art. 31. *Voted*, To accept the town report for 1894, as published.

Voted, To accept the report of the board of selectmen relating to sign-boards, etc.

Art. 23. *Voted*, That the selectmen be directed to drain Cedar park in any way that may be deemed advisable, and pay for the same out of the appropriation for highways.

Voted, To adjourn to Monday evening, April 8, 1895, at 7.30 o'clock.

Adjourned Town Meeting, Monday evening, April 8, 1895, 7.30 o'clock.

Met according to adjournment.

Art. 20. The committee appointed to act in connection with sewer commissioners not being ready to report, were granted further time.

According to the notice given in the earlier part of the meeting, Charles H. Adams moved a reconsideration of the salaries of the town officers so far as those of the selectmen are concerned. Decided by the moderator to be "not in order."

Art. 31. The committee on "New Town Seal" presented its report by the chairman, Rev. Albert G. Bale. The design was thrown upon a screen by the aid of a stereopticon, and fully described. Various unfavorable comments were passed upon it, and by unanimous vote it was referred back to the committee.

The cemetery committee presented a report showing progress of work in transferring bodies from the "Old Burial Ground" on Main street to Wyoming cemetery. Accepted as a report of progress.

Art. 16. The park commissioners made a verbal report by its chairman, Charles H. Adams, showing the advantages to be gained by laying out certain open places as parks, particularly the place known as "Dix Pond," in the rear of the Town Hall, embracing about six acres of land and water. He moved that the sum of twenty-five thousand dollars (\$25,000) be appropriated for the purchase and laying out for park purposes of this tract of land.

Voted, To indefinitely postpone.

Art. 31. *Voted*, That the money to be received from bank and corporation tax be used in payment of the notes of the town for \$2500 and \$3500, authorized by votes July 9 and March 26, 1894, respectively.

Voted, unanimously, That a committee of seven be appointed to consider what improvement, if any, can be made in the method of the government of this town, and to report recommending what in their judgment is the best method and form of government for the town of Melrose, at some subsequent meeting.

The committee is composed as follows: Col. F. S. Hesseltine, chairman; Royal P. Barry, Sidney H. Buttrick, John Larrabee, George L. Morse, Joshua T. Nowell, and William N. Folsom..

Resolution offered by the moderator, and unanimously adopted:

Whereas, The station of the Boston & Maine railroad at Wyoming is not only totally inadequate through inferior size and appointments to accommodate the constantly increasing patronage, but from its crowded condition and the narrowness of its platform dangerous to all who are obliged to take the cars therefrom ; and whereas, the president and board of directors of said corporation have been fruitlessly petitioned many times to build a modern station upon the land purchased some years since for the purpose ; now, be it

Resolved, That the selectmen be directed by the citizens of Melrose, in town meeting assembled, to request the directors of said Boston & Maine railroad to cause a suitable station to be erected at the point indicated without delay ; and if unsuccessful with them, to appeal to the honorable board of railroad commissioners of the Commonwealth of Massachusetts.

Art. 21. *Voted*, unanimously, To accept the laying out of certain main drains or common sewers as laid out for public use by the sewer commissioners, as provided by law, viz : Allen court or place, Benson court, Berwick court or place, Boston & Maine railroad land, Cass street, Central terrace and land of H. A. Leonard, Crescent place, Dill court, Eastman and Field courts, Emerson place, Faulkner place, Felton place, Grove place, Ingalls court, Kimball court, Larrabee place, Perham avenue, Stevens place, and Upham court.

Arts. 24 and 25. Indefinitely postponed.

Voted, To adjourn sine die.

WARRANT FOR MEETING

APRIL 25, 1895.

*To either of the Constables of the Town of Melrose, in the
County of Middlesex:* *GREETING.*

In the name of the Commonwealth of Massachusetts, you are hereby required to notify the inhabitants of the Town of Melrose, qualified to vote in elections and town affairs, to meet at the Town Hall, on Thursday, the twenty-fifth day of April, A. D., 1895, at 7.30 o'clock, p. m., then and there to act on the following articles, viz.:

Article 1. To choose a moderator.

Art. 2. To see if the town will accept the provisions of Chapter 274, of the Acts of 1895, entitled "An act to authorize the town of Melrose to incur additional indebtedness for the purpose of constructing a system of sewerage," and authorize the issue of the bonds, notes or scrip, contemplated in the act; designate their denomination, length of time and interest, and pass any other votes necessary to carry out the will of the town. On petition of the sewer commissioners.

Art. 3. To hear and act upon the report of the committee appointed at the annual meeting to consider the matter of sewer assessments.

To see what action the town will take in the matter of the assessment and apportionment of the estimated average cost of all the main drains or common sewers embraced in the sewerage system; to determine what proportion shall be paid by the town and by the estates benefited; to establish just and equitable annual charges or rents for the use of such sewer if deemed necessary, in accordance with the provision of Chapter 50, of the Public Statutes, and of Chap-

ter 245, of the Acts of 1892, and to pass any vote or votes connected with the subject of sewerage which may be deemed necessary. On petition of the sewer commissioners.

Art. 4. To see if the town will vote to restore the salary of the board of selectmen to two hundred dollars each, and to authorize the treasurer to borrow money for the same. On petition of W. E. Barrett and others.

Art. 5. To hear and act upon the reports of committees and for the transaction of any other business which may legally come before the meeting.

And you are directed to serve this warrant by posting attesting copies thereof at the Town Hall, each of the post-offices and depots in the town, not less than seven days before the day appointed for said meeting, and by leaving printed copies of the warrant at the dwellings of the legal voters before the day of meeting.

Hereof fail not, and make due return of this warrant, with your doings thereon, to the town clerk, at the time and place of said meeting.

Given under our hands this seventeenth day of April in the year one thousand eight hundred and ninety-five.

DANIEL NORTON,
EUGENE H. MOORE,
C. W. COOK,
JOHN P. DEERING,
SIDNEY H. BUTTRICK,

Selectmen of Melrose,

Warrant served by A. B. PIERCE, Constable.

Town Meeting, April 25, 1895, 7.30 o'clock.

Art. 1. Chose Levi S. Gould moderator by a unanimous vote.

Art. 2. *Voted*, unanimously, That the town hereby accepts the provisions of Chapter 274, of the Acts of 1895, entitled, "An act to authorize the town of Melrose to incur additional indebtedness for the purpose of constructing a system of sewerage."

That the town issue under the authority given by said act one hundred bonds of one thousand dollars (\$1,000) each, bearing date of June 1, A. D. 1895, payable in thirty years from said date, with interest payable semi-annually at the rate of 4 per cent. per annum; said bonds to bear on their face the words, "Melrose Sewerage Loan, Act of 1895," and shall be signed by the treasurer, and countersigned by the sewer commissioners of the town.

That the town treasurer be and is hereby authorized to sell and dispose of the issue of bonds which has just been authorized, from time to time as required, for the highest obtainable price, by giving notice by publication, or otherwise, to the purchasers of municipal bonds to make sealed bids for the whole or any part thereof; the offer of the highest bidder to be accepted if the same shall be satisfactory to the treasurer, the right being reserved by him to reject any or all of the said bids.

Art. 3. The report of the committee on sewer assessments was presented, debated at length and finally referred back to the committee with instructions to print and circulate it among the people and bring it up again at the next town meeting.

Art. 4. *Voted*, To indefinitely postpone; a hand vote showing: Yea, 108; No. 101.

Voted, To adjourn sine die.

WARRANT FOR MEETING.

JUNE 10, 1895.

To either of the Constables of the Town of Melrose, in the County of Middlesex:

GREETING.

In the name of the Commonwealth of Massachusetts, you are hereby required to notify the inhabitants of the town of Melrose qualified to vote in elections and town affairs, to meet at the Town Hall, on Monday, the tenth day of June, A. D. 1895, at 7.30 o'clock, p. m., then and there to act on the following articles, viz :

Article 1. To choose a moderator.

Art. 2. To see if the town will accept an extension of Fletcher street from Emerson street, northerly to Porter street, as laid out by the selectmen.

Art. 3. To see if the town will discontinue that portion of Poplar street, from the junction of Prospect street to Maple street, on the petition of Harry Hunt and others.

Art. 4. To see if the town will accept the provisions of Chapter 186 of the Acts of 1895, relating to the watering of streets in towns.

Art. 5. To see what action the town will take in regard to the watering of streets, and authorize the treasurer to borrow money, if necessary, to carry out the provisions of any vote that may be passed.

Art. 6. To see if the town will require the Street or Electric Railroad Company, and their lessees, to water and keep in repair the streets used by them in town, On petition of A. V. Lynde.

Art. 7. To see if the town will vote the sum of eleven hundred dollars for a horse, and hire a permanent driver for Hose 3, and authorize the treasurer to borrow money for the same. On petition of Wm. H. Greenleaf and others.

Art. 8. To see if the town will accept the provisions of Chapter 331 of the Acts of 1895, entitled "An Act to authorize the town of Melrose to make an additional water loan," and authorize the issue of the bonds, notes, or scrip, contemplated in the act, designate their denomination, length of time, and interest, and pass any other votes necessary to carry out the will of the town.

Art. 9. To see if the town will discontinue the practice of allowing 5 per cent. discount on water rates, paid on or previous to March 1st, on petition of the water registrar.

Art. 10. To hear and act upon the report of the committee on the assessment and apportionment of the estimated cost of the sewer.

Art. 11. To hear and act upon the reports of committees, and for the transaction of any other business that may legally come before this meeting.

And you are directed to serve this warrant by posting attested copies thereof at the Town Hall, each of the post offices and depots in the town, not less than seven days before the day appointed for said meeting, and by leaving printed copies of the warrant at the dwellings of the legal voters before the day of meeting.

Hereof, fail not, and make due return of this warrant, with your doings thereon, to the town clerk, at the time and place of said meeting.

Given under our hands this 29th day of May, in the year one thousand eight hundred and ninety-five.

DANIEL NORTON,
CHARLES W. COOK,
EUGENE H. MOORE,
SIDNEY H. BUTTRICK,
JOHN P. DEERING,
Selectmen of Melrose.

Warrant served by

A. B. PIERCE, Constable.

*Town Meeting, Monday Evening, June 10, 1895, 7.30,
o'clock.*

Article 1. Chose Levi S. Gould moderator by a unanimous vote.

Art. 2. *Voted*, To accept Fletcher street extension as laid out by the selectmen.

Art. 3. *Voted*, To indefinitely postpone.

Art. 4. *Voted*, unanimously, That we accept the provisions of Chapter 186, of the Acts of 1895, relative to the watering of streets of towns.

Art. 5. *Voted*, That the selectmen be instructed to water Main street from the Wakefield to the Malden lines, and that they exercise their discretion as to watering other streets of the town. Also *Voted*, unanimously, That the town treasurer be authorized to borrow the sum of fifteen hundred dollars, (\$1,500) for the purpose of carrying out the above vote.

Art. 6. *Voted*, unanimously, That a committee of five be appointed to consider the watering of certain streets of the town by the street railroad company, and report at the next town meeting.

The following named gentlemen were appointed as that committee: John J. McCullough, chairman, Hon. B. Marvin Fernald, M. S. Page, Charles H. Adams and Walter Babb.

Art. 7. *Voted*, That the sum of eleven hundred dollars, (\$1,100) be appropriated for the purchase of a horse and the hire of a permanent driver for Hose 3, at the Highlands. That the town treasurer be authorized to borrow the money and that the expenditures be made under the direction of the board of selectmen and fire engineers.

Art. 8. *Voted*, That the town accept the provisions of Chapter 331, Acts of 1895, entitled, "An act to authorize the town of Melrose to make an additional water loan."

Voted, unanimously, That the town issue under the authority given by said act, fifty bonds of one thousand dollars, (\$1000) each, bearing date July 1, 1895, payable in thirty (30) years from said date, with interest payable semi-annually at the rate of four per cent, per annum, said bonds to bear on their face the words, "Melrose Water Loan, Act of 1895," and shall be signed by the treasurer and countersigned by the water commissioners of the town.

Voted, unanimously, That the town treasurer be authorized to sell direct from time to time, ten (10) of the water loan bonds, Acts of 1895, for the highest obtainable price, by giving notice by publication, or otherwise, to the purchasers of municipal bonds to make sealed bids for the whole or any part thereof; the offer of the highest bidder to be accepted if the same shall be satisfactory to the treasurer; the

right being reserved by him to reject any or all of the said bids. The proceeds arising from the sale of said bonds to be used for the purpose of defraying the cost of constructing and extending the water works for the current year.

Art. 9. *Voted*, unanimously, To discontinue the practice of allowing five per cent. discount on water rates paid on or previous to March 1.

Art. 10. *Voted*, To accept and adopt the system of assessment and apportionment as recommended by the sewer committee; and the following vote was passed:

"That the Town of Melrose hereby estimates that the average cost of all the sewers constructed and to be constructed and embraced in the system of sewerage heretofore considered and adopted by the town, especially by its vote and action of January 4, 1894, as appears of record, is the sum of \$1.70 per foot of *assessable lot frontage* and that the benefits received shall be paid for as follows:

One-half of the estimated cost of *all the sewers* to be paid for by the town, the *remaining half* of the estimated cost to be assessed upon the estates directly benefited wherever the sewer shall be laid, by the frontage and area plan combined, viz.: *Twenty-five* (25) *cents* to be assessed on each foot of lot frontage of estates on any street or way wherever a sewer is constructed, and *six* (6) *mills* per square foot upon the area of said estates extending back to a depth of one hundred (100) feet from the front of the same.

Upon all estates in the town where the front of a lot of land is upon one street or way and the side upon another leading from the first, assessments for *lot frontage* shall be assessed as before stated upon the whole frontage of such estate which abuts on the street where a sewer is first con-

structed, and where a sewer is afterward constructed on the other street or streets or ways upon which such corner lots or estates abut, an exemption of not exceeding fifty (50) feet of the frontage shall be made of such corner lots on such streets or ways, and the assessment as before provided shall be levied on all the rest of the frontage on such streets or ways, the exemption of not exceeding fifty (50) feet as above is deemed just and equitable and this action is taken pursuant to the provisions of Section 5 of Chapter 245 of the Acts of 1892."

Art. 11. No business.

Voted, To adjourn sine die.

WARRANT FOR MEETING,
SEPTEMBER 5, 1895.

*To either of the Constables of the Town of Melrose, in the County
of Middlesex:* *GREETING.*

In the name of the Commonwealth of Massachusetts, you are hereby required to notify the inhabitants of the town of Melrose, qualified to vote in elections and town affairs, to meet at the Town Hall, on Thursday, the fifth day of September, A. D. 1895, at 7.30 o'clock p. m., then and there to act on the following articles, viz.:

Article 1. To choose a moderator.

Art. 2. To determine whether the town will vote to issue its negotiable notes in an amount not exceeding twenty thousand dollars, which amount the treasurer was authorized

to borrow at the town meeting held the 19th of March, 1895, and to fix the terms of said notes, and to take any other action relating thereto.

Art. 3. To see if the town will accept the laying out of certain main drains or common sewers as laid for the public use by the sewer commissioners, as provided in Chapter 50, Sections 1 and 2, of the Public Statutes, as amended by the Acts of 1893, Chapter 423, Section 24, in the following courts and places, and over certain private lands, viz: 1. Adams place; 2. Charles street, northerly; 3. Florence street extension; 4. Linden place; 5. From Maple street, southerly, through an old bridle path; 6. An extension of Otis street; 7. From Emerson street to Oakland street, through land of D. L. Taylor; 8. From Cedar park to North High street, through land of Eben A. Walton and William Morss.

Art. 4. To see if the town will borrow the sum of twenty-five hundred dollars for necessary repairs on the highways.

Art. 5. To see what action the town will take in reference to the disposition of the unexpended balance left from the purchase of the steam road-roller.

Art. 6. To see if the town will borrow the sum of five hundred dollars for necessary repairs in the Town Hall.

Art. 7. To see if the town will accept a street running from Lebanon street to Fairmount street, known as Appleton street, as laid out by the selectmen.

Art. 8. To see if the town will accept a street running from Beech avenue to Appleton street (so called) known as Harvard street, as laid out by the selectmen.

Art. 9. To see if the town will accept a street running from Beech avenue to Appleton street (so called) known as Irving street, as laid out by the selectmen.

Art. 10. To see if the town will accept a street running from Beech avenue to Appleton street (so called) known as Fairmount street, as laid out by the selectmen.

Art. 11. To see if the town will accept a street running easterly from Main street, known as Pearl street, as laid out by the selectmen.

Art. 12. To see if the town will accept an extension of Charles street, northerly to proposed extension of Otis street, as laid out by the selectmen.

Art. 13. To see if the town will accept an extension of Otis street, westerly to proposed extension of Charles street, as laid out by the selectmen.

Art. 14. To hear and act upon the reports of committees, and for the transaction of any other business which may legally come before the meeting.

And you are directed to serve this warrant by posting attested copies thereof at the Town Hall, each of the post offices and depots in the town, not less than seven days before the day appointed for said meeting, and by leaving printed copies of the warrant at the dwellings of the legal voters before the day of meeting.

Hereof fail not, and make due return of this warrant, with your doings thereon, to the town clerk, at the time and place of said meeting.

Given under our hands this twenty-seventh day of August, in the year one thousand eight hundred and ninety-five.

EUGENE H. MOORE,
SIDNEY H. BUTTRICK,
JOHN P. DEERING,
DANIEL NORTON,
C. W. COOK,

Selectmen of Melrose.

Warrant served by A. B. PIERCE, Constable.

*Town Meeting, Thursday evening, September 5, 1895,
7.30 o'clock.*

Art. 1. Chose Levi S. Gould moderator by a unanimous vote.

Art. 2. *Voted*, unanimously. That in order to carry out the vote passed at the town meeting held March 19, 1895, whereby the treasurer was authorized to borrow the sum of \$20,000, the treasurer of the town be and he is hereby authorized and directed to issue negotiable coupon notes of the town, in the aggregate principal sum of \$20,000, in denominations of \$1000 each, bearing date the 1st day of August, 1895, payable to the bearer thereof—\$10,000 on the 1st day of August, 1901, and \$10,000 on the 1st day of August, 1902, at the National City Bank, in the city of Boston, bearing interest at the rate of four per centum per annum, payable at the said bank semi-annually on the first days of February and August in each year to the bearer of the interest coupons to be annexed to the said notes, upon presentation and surrender thereof as they severally become due.

The said notes shall be signed by the treasurer, countersigned by a majority of the selectmen of the town, and shall have the seal of the town attached, and shall be in such form, containing such recitals or certificates as to the due issue and validity thereof as the selectmen shall determine; and the execution thereof by a majority of the board of selectmen shall be deemed a sufficient determination of such form. The coupons annexed shall bear the *fac simile* signature of the treasurer.

The said notes shall be sold and delivered by the treasurer, with the approval of the selectmen, or a majority thereof; and the proceeds of the sale thereof shall be used solely

for the purpose of the erection of a building for the Central fire station, as voted at the said town meeting.

Art. 3. *Voted*, To accept the laying out of certain main drains, or common sewers, as laid for the public use by the sewer commissioners, as provided in Chapter 50, Sections 1 and 2, of the Public Statutes, as amended by the Acts of 1893, Chapter 423, Section 24, in the following courts or places and over certain private lands: 1, Adams place; 2, Charles street, northerly; 3. Florence street extension; 4 Linden place; 5. From Maple street, southerly, through an old bridle path; 6. An extension of Otis street; 7. From Emerson street to Oakland street, through land of D. L. Taylor; 8. From Cedar park to North High street, through land of Eben A. Walton and William Morss.

Art. 4. *Voted*, unanimously, That the town treasurer be authorized to borrow the sum of twenty-five hundred dollars (\$2500) for necessary repairs on the highways.

Art. 5. *Voted*, unanimously, That the sum of seven hundred dollars, (\$700) unexpended balance account steam road roller, be transferred to the highway department; provided, that a sufficient amount of this sum be used to lay concrete walks around the schoolhouse on Upham hill.

Art. 6. *Voted*, unanimously, To authorize the town treasurer to borrow five hundred dollars (\$500) for necessary repairs to the Town Hall building.

Art. 7. *Voted*, To accept a street running from Lebanon street to Fairmount street, known as Appleton street, as laid out by the selectmen.

Art. 8. *Voted*, To accept a street running from Beech avenue to Appleton street (so called) known as Harvard street, as laid out by the selectmen.

Art. 9. *Voted*, To accept a street running from Beech avenue to Appleton street (so called) known as Irving street, as laid out by the selectmen.

Art. 10. *Voted*, To accept a street running from Beech avenue to Appleton street (so called) known as Fairmount street, as laid out by the selectmen.

Art. 11. *Voted*, To accept a street running easterly from Main street, known as Pearl street, as laid out by the selectmen.

Art. 12. *Voted*, To accept an extension of Charles street, northerly, to proposed extension of Otis street, as laid out by the selectmen.

Art. 13. *Voted*, To accept an extension of Otis street, westerly to proposed extension of Charles street, as laid out by the selectmen.

Art. 14. No business.

Voted, To adjourn sine die.

WARRANT FOR MEETING,

NOVEMBER 5, 1895.

To either of the Constables of the Town of Melrose, in the County of Middlesex: *GREETING.*

In the name of the Commonwealth of Massachusetts, you are hereby required to notify the inhabitants of Precinct One, of the town of Melrose, qualified to vote in elections and town affairs, to meet in the School House, Franklin street, west of the B. & M. Railroad station, on Tuesday,

the fifth day of November, A. D. 1895, at six o'clock a. m., then and there to give in their votes, on one ballot:

For governor, lieutenant governor, councillor for the sixth councillor district, secretary of the commonwealth, treasurer and receiver general, auditor, attorney general, senator from the sixth Middlesex senatorial district, and for a representative in the general court from the eleventh Middlesex representative district; for district attorney for the northern district, sheriff of Middlesex county, county commissioner for Middlesex county, and for two special commissioners. Also to give in their votes on the same ballot, "Yes" or "No," on the question of granting municipal suffrage to women.

The polls will be opened at six o'clock a. m., and will be closed at thirty minutes past four o'clock p. m.

And you are directed to serve this warrant by posting attested copies thereof at the Town Hall, each of the post offices and depots in the town, not less than seven days before the day appointed for said meeting, and by leaving printed copies of the warrant at the dwellings of the legal voters before the day of meeting.

Hereof fail not, and make due return of this warrant, with your doings thereon, to the town clerk, before the time and place of said meeting.

Given under our hands this twenty-fifth day of October, in the year one thousand eight hundred and ninety-five.

DANIEL NORTON,
EUGENE H. MOORE,
SIDNEY H. BUTTRICK,
JOHN P. DEERING,
CHARLES W. COOK,

Selectmen of Melrose.

Warrant served by A. B. PIERCE, Constable.

WARRANT FOR MEETING,
NOVEMBER 5, 1895.

*To either of the Constables of the Town of Melrose, in the County
of Middlesex:* *GREETING.*

In the name of the Commonwealth of Massachusetts, you are hereby required to notify the inhabitants of Precinct Two, of the town of Melrose, qualified to vote in elections and town affairs, to meet at the Town Hall, on Tuesday, the fifth day of November, A. D. 1895, at six o'clock a. m., then and there to give in their votes, on one ballot:

For governor, lieutenant governor, councillor for the sixth councillor district, secretary of the commonwealth, treasurer and receiver general, auditor, attorney general, senator from the sixth Middlesex senatorial district, and for a representative in the general court from the eleventh Middlesex representative district; for district attorney for the northern district, sheriff of Middlesex county, county commissioner for Middlesex county, and for two special commissioners. Also to give in their votes, on the same ballot, "Yes" or "No," on the question of granting municipal suffrage to women.

The polls will be opened at six o'clock a. m., and will be closed at thirty minutes past four o'clock p. m.

And you are directed to serve this warrant by posting attested copies thereof at the Town Hall, each of the post offices and depots in the town, not less than seven days before the day appointed for said meeting, and by leaving printed copies of the warrant at the dwellings of the legal voters before the day of meeting.

Hereof fail not, and make due return of this warrant, with

your doings thereon, to the town clerk, at the time and place of said meeting.

Given under our hands this twenty-fifth day of October, in the year one thousand eight hundred and ninety-five.

DANIEL NORTON,
EUGENE H. MOORE,
SIDNEY H. BUTTRICK,
JOHN P. DEERING,
CHARLES W. COOK,

Selectmen of Melrose.

Warrant served by A. B. PIERCE, Constable.

WARRANT FOR MEETING

NOVEMBER 5, 1895.

To either of the Constables of the Town of Melrose, in the County of Middlesex: *GREETING.*

In the name of the Commonwealth of Massachusetts, you are hereby required to notify the inhabitants of Precinct Three, of the Town of Melrose, qualified to vote in elections and town affairs, to meet at the store corner Grove and Berwick streets, on Tuesday, the fifth day of November, A D. 1895, at six o'clock a. m., then and there to give in their votes on one ballot:

For governor, lieutenant governor, councillor, for the sixth councillor district, secretary of the commonwealth, treasurer and receiver general, auditor, attorney-general, senator from the sixth Middlesex senatorial district, and for a representative in the general court from the eleventh Middlesex representative district. For district attorney for northern district, sheriff of Middlesex county, and for two

special commissioners. Also to give in their votes on the same ballot, "Yes, or No," on the question of granting municipal suffrage to women.

The polls will be opened at six o'clock a. m., and will be closed at thirty minutes past four o'clock, p. m.

And you are directed to serve this warrant by posting attested copies thereof at the Town Hall, each of the post-offices and depots in the town, not less than seven days before the day appointed for said meeting, and by leaving printed copies of the warrant at the dwellings of the legal voters before the day of meeting.

Hereof fail not, and make due return of this warrant, with your doings thereon, to the town clerk, before the time of said meeting.

Given under our hands this twenty-fifth day of October, in the year one thousand eight hundred and ninety-five.

DANIEL NORTON,
EUGENE H. MOORE,
SIDNEY H. BUTTRICK,
JOHN P. DEERING,
CHARLES W. COOK,

Selectmen of Melrose.

Warrant served by A. B. PIERCE, Constable.

RESULT OF THE BALLOTING AS FURNISHED TO THE TOWN CLERK FROM THE SEVERAL PRECINCTS.

FOR GOVERNOR.

Precincts.....	1	2	3	Total.
Elbridge Gerry Brown, of Brockton, People's Party.....	5	3	8	16
Frederic T. Greenhalge of Lowell, Republican.....	261	483	396	1140
Edward Kendall, of Cambridge, Prohibition.....	9	17	17	43
Moritz E. Ruther, of Holyoke, Socialist Labor party.....	6	1		7
George Fred Williams of Dedham, Democratic	65	124	188	377
Scattering.		1		1
Blanks.....	10	8	71	89
Total.....	356	637	680	1673

FOR LIEUTENANT GOVERNOR.

Thomas C. Buddington, of Springfield, People's Party.....	6	1	12	19
James S. Grinnell, of Greenfield, Democratic.....	66	117	173	356
Patrick F. O'Neil, of Boston, Socialist Labor.....	1	4	8	13
Edward S. Rogers, of Lee, Prohibition.....	9	24	19	52
Roger Wolcott, Republican.....	261	471	387	1119
Blanks.....	13	20	81	114
Total.....	356	637	680	1673

FOR SECRETARY.

Edward J. Flynn, of Boston, Democratic.....	46	99	170	315
Joseph F. Maloney, of Lynn, Socialist.....	2	1	1	4
Charles D. Nash, of Whitman, People's Party.....	7	1	15	23
William M. Olin, of Boston, Republican.....	276	488	395	1159
Willard O. Wylie, of Essex, Prohibition.....	6	17	11	34
Blanks.....	19	31	88	138
Total.....	356	637	680	1673

FOR TREASURER.

Martin W. Moran, of Boston, People's Party.....	4	3	12	19
Wilbur M. Purrington, of Williamsburg, Prohibition.....	6	16	11	33
Edward P. Shaw, of Newburyport, Republican.....	262	473	375	1110
Eben S. Stevens, of Dudley, Democratic.....	65	114	187	366
Charles N. Wentworth, of Lynn, Socialist.....	1	1	1	3
Blanks.....	18	30	94	142
Total.....	356	637	680	1673

FOR AUDITOR.

Precincts.....	1	2	3	Total.
John W. Kimball, of Fitchburg, Republican.....	267	477	382	1126
Frederick A. Nagler, of West Springfield, Socialist.....	2	3	2	7
Andrew H. Paton, of Danvers, People's Party.....	5	2	12	19
Herman T. Regnell, of Attleborough, Prohibition.....	4	16	10	30
Alfred C. Whitney, of Boston, Democratic.....	61	107	180	348
Blanks.....	17	32	94	143
Total.....	356	637	680	1673

FOR ATTORNEY GENERAL

Frank M. Forbush, of Natick, Prohibition.....	7	18	11	36
Henry F. Hurlburt, of Lynn, Democratic.....	52	113	185	350
Hosea M. Knowlton, of New Bedford, Republican.....	275	471	383	1129
Squire E. Putney, of Somerville, Socialist.....	2	2	3	7
Conrad Reno, of Boston, People's Party.....	3	3	11	17
Blanks.....	17	30	87	134
Total.....	356	637	680	1673

FOR COUNCILLOR, (SIXTH DISTRICT).

John M. Harlow, of Woburn, Republican.....	272	487	397	1156
Oliver A. Libby of Lowell, Democratic.....	64	111	190	365
Blanks.....	20	39	93	152
Total.....	356	637	680	1673

FOR SENATOR, (SIXTH MIDDLESEX DISTRICT).

Norman F. Hesseltine of Melrose, Democratic.....	85	166	212	463
George A. Murray, of Malden, Prohibition.....	10	20	8	38
Arthur H. Wellman, of Malden, Republican.....	249	425	374	1048
Blanks.....	12	26	86	124
Total.....	356	637	680	1673

FOR REPRESENTATIVE IN GENERAL COURT, (ELEVENTH MIDDLESEX DISTRICT).

George R. Jones, of Melrose, Republican.....	273	488	390	1151
Arthur M. Willis, of Melrose, Democratic.....	66	123	195	384
Blanks.....	17	26	95	138
Total.....	356	637	680	1673

FOR DISTRICT ATTORNEY, (NORTHERN DISTRICT).

Freeman Hunt, of Cambridge, Democratic.....	67	115	191	373
Fred N. Wier, of Lowell, Republican.....	263	470	388	1121
Blanks.....	26	52	101	179
Total.....	356	637	680	1673

RECORDS OF TOWN MEETINGS.

FOR COUNTY COMMISSIONER, (MIDDLESEX).

Precinct.....	1	2	3	Total.
Francis Bigelow, of Natick, Republican.....	277	482	388	1147
Peter A. Fay, of Lowell, Democratic.....	56	110	183	349
Scattering.....		1		1
Blanks.....	23	44	109	176
Total.....	356	637	680	1673

SPECIAL COMMISSIONERS, (MIDDLESEX).

Lyman Dike, of Stoneham, Republican.....	254	448	376	1078
John A. Gately, of Lowell, Democratic.....	47	87	151	285
Edward E. Thompson, of Woburn, Republican.....	189	348	280	817
Fred W. Trowbridge, 2nd, of Hudson, Democratic.....	51	72	143	266
Blanks.....	171	319	410	900
Total.....	712	1274	1360	3346

FOR SHERIFF, (MIDDLESEX.)

Henry G. Cushing, of Lowell, Republican.....	274	486	394	1154
Frank J. Simonds, of Lowell, Democratic.....	62	100	189	351
Blanks.....	20	51	97	168
Total.....	356	637	680	1673

MUNICIPAL SUFFRAGE.

"Yes".....	136	232	249	617
"No".....	193	332	340	865
Blanks.....	61	73	91	225
Total.....	390	637	680	1707

WARRANT FOR MEETING,
NOVEMBER 18, 1895.

*To either of the Constables of the Town of Melrose, in the County
of Middlesex: GREETING.*

In the name of the Commonwealth of Massachusetts, you are hereby required to notify the inhabitants of the town of Melrose, qualified to vote in elections and town affairs, to meet at the Town Hall, on Monday, the 18th day of November, A. D. 1895, at 7.30 o'clock p. m., then and there to act on the following articles, viz.:

Article 1. To choose a moderator.

Art. 2. To see if the town will vote to accept the provisions of Chapter 455 of the Acts of the legislature of Massachusetts of the year 1894, entitled "An Act relative to the licensing of plumbers, and the supervision of the business of plumbing." On petition of the board of health.

Art. 3. To see if the town will appoint a committee of the citizens to investigate the matter of school accommodations, and the need of new school buildings, and report at a subsequent meeting. On petition of the school committee.

Art. 4. To see what action the town will take relative to increased school accommodations east of Lebanon street. On petition of C. H. Adams and others.

Art. 5. To see if the town will vote to build a new school house east of Lebanon street, and to authorize the town treasurer to borrow a sum not exceeding fifteen thousand dollars, (\$15,000) for the same. On petition of C. H. Adams and others.

Art. 6. To see if the town will borrow the sum of five hundred dollars, (\$500) for the purpose of defraying the

expense of placing a drain across Main street, from the Central fire station to Ell pond brook. On petition of A. B. Franklin and others.

Art. 7. To see what action the town will take in regard to providing police protection for the east side of the town, and to borrow the sum of two hundred and fifty dollars, (\$250) for that purpose. On petition of the chief of police.

Art. 8. To determine whether the town will vote to provide a sinking fund for the payment of the fifty thousand dollars, (\$50,000) Melrose water loan bonds, voted June 10, 1895, by authority of Chapter 331 of the Acts of 1895.

Art. 9. To see if the town will authorize the selectmen to petition the next general court for such legislation as may be necessary to grant the town authority to remove the remains of the dead buried in the "Old Burial Ground," on Main street, to the Wyoming cemetery, and to use the land for other purposes.

Art. 10. To see if the town will authorize its selectmen and sewer commissioners to petition the next general court for authority to issue additional bonds for the further extension of the sewerage system, and that the said bonds, when issued, together with those heretofore issued for the same purpose, shall not be included or reckoned in determining the authorized limit of indebtedness of the town.

Art. 11. To see if the town will accept the laying out of a main drain or common sewer as laid out for public use by the sewer commissioners, as provided in Chapter 50, Section 2, of the Public Statutes, as amended by the Acts of 1893, Chapter 423, Section 24, in the street or court leading from Wyoming avenue, southerly, known as Waverly place.

Art. 12. To see if the town will authorize the treasurer to pay all necessary expenses which may be incurred from January 1, 1896, in anticipation of the annual appropria-

tions, and authorize him to borrow money temporarily for the same, if necessary.

Art. 13. To see if the town will accept the following streets, as laid out by the selectmen :

Street running from Main street, easterly, to Damon avenue, so called, known as Boardman avenue.

Street running from Damon avenue, so called, to Hawes avenue, so called, known as Frost avenue.

Street running from Boardman avenue, so called, to Heywood street, so called, known as Hawes avenue.

Street running from Grove street, southerly, to Folsom street, so called, known as Cumner avenue.

Street running from Grove street, southerly, to Folsom street, so called, known as Wheeler avenue.

Street running from Boardman avenue, so called, to Heywood street, so called, known as Damon avenue.

Art. 14. To see if the town will accept the jury list, as revised by the selectmen.

Art. 15. To hear and act upon the reports of committees and for the transaction of any other business which may legally come before this meeting.

And you are directed to serve this warrant by posting attesting copies thereof at the Town Hall, each of the post-offices and depots in the town, not less than seven days before the day appointed for said meeting, and by leaving printed copies of the warrant at the dwellings of the legal voters before the day of meeting.

Hereof fail not, and make due return of this warrant, with your doings thereon, to the town clerk, at the time and place of said meeting.

Given under our hands this thirtieth day of October in the year one thousand eight hundred and ninety-five.

DANIEL NORTON,
JOHN P. DEERING,
SIDNEY H. BUTTRICK,
EUGENE H. MOORE,
CHARLES W. COOK,

Selectmen of Melrose,

Warrant served by A. B. PIERCE, Constable.

*Town Meeting Monday Evening, November 18, 1895,
7.30 o'clock.*

Article 1. Chose Levi S. Gould moderator by a unanimous vote.

Art. 2. *Voted*, To accept the provisions of Chapter 455, of the Acts of 1894, entitled "An Act relative to the licensing of plumbers and the supervision of the business of plumbing."

Art. 3. *Voted*, That a committee consisting of the three gentlemen of the school committee and nine others to be named by the moderator, be appointed, to consider what additional school accommodations are needed, and to report at a subsequent town meeting.

The following named gentlemen compose the committee:

John O. Norris, Dr. John Dike, Wm. D. Stewart, R. S. Carpenter, B. M. Fernald, Oliver A. Roberts, Chas. H. Adams, Chas. H. Lang, Jr., Louis E. Lovejoy, F. J. Glynn, Curtis C. Goss, and George R. Jones.

Art. 4 and 5. *Voted*, To indefinitely postpone.

Art. 6. *Voted*, unanimously, That the town treasurer is hereby authorized to borrow a sum not to exceed five hundred dollars, (\$500) said sum to be used to defray the expense of placing a drain across Main street from the Central fire station to Ell pond brook, to be expended under direction of committee on Central fire station.

Art. 7. *Voted*, unanimously, That the town treasurer be authorized to borrow the sum of two hundred and fifty dol-

lars, (\$250) for the police department, for the purpose of providing additional police protection to the east side of the town.

Art. 8. *Voted*, unanimously, Whereas, at the town meeting held June 10th, 1895, it was voted to issue fifty (50) bonds of \$1,000 each, said bonds bearing on their face, "Melrose Water Loan, Act of 1895," dated July 1, 1895, and payable in thirty (30) years from said date, a sinking fund shall be, and it is hereby established; and there shall be contributed thereto from year to year such an amount, raised annually by taxation, as shall, with the other sums payable into the sinking fund, be sufficient, with its accumulations, to pay the coupons as they severally become due, and the said bonds at maturity.

Art. 9. *Voted*, That the selectmen for and in behalf of the town, are hereby authorized to petition the next general court for such legislation as may be necessary to grant the town authority to remove the remains of the dead now buried in the "Old Burial Ground," on Main street, under such conditions as may be deemed proper; and that the town may be further authorized to make use of said premises for any public purpose.

Art. 10. *Voted*, unanimously, That the selectmen and sewer commissioners for and in behalf of the town are hereby authorized to petition the legislature for the passage of an Act authorizing the issue of bonds to the amount of fifty thousand dollars, (\$50,000) bearing interest at not exceeding four per cent. per annum, the proceeds to be used for the construction and extension of a sewerage system for the town of Melrose; and for the passage of such other legislation as may be deemed necessary for the building, maintenance, and operation of said system; and that they be further

authorized to petition the legislature that the said issue of bonds, together with those heretofore authorized to be issued for the same purpose, viz:

Issue 1894, Chapter 323, Acts of 1894, \$100,000;

Issue 1895, Chapter 274, Acts of 1895, \$100,000,

shall not be included or reckoned in determining the authorized limit of indebtedness of the town as provided by law. (General Statutes, Chapter 29, Section 4).

Art. 11. *Voted*, unanimously, To accept the laying out of a main drain or common sewer as laid out for public use by the sewer commissioners, as provided in Chapter 50, Section 2, of the Public Statutes, as amended by the Acts of 1893, Chapter 423, Section 24, in the street or court leading from Wyoming avenue southerly, known as Waverly place

Art. 12. *Voted*, unanimously, That the treasurer be and is hereby authorized to pay all necessary expenses which may be incurred from January 1, 1896, in anticipation of the annual appropriations, said amounts to be charged to the several appropriations. Also, to authorize him to borrow money temporarily for the same if necessary.

Art. 13. *Voted*, To accept the following named streets, as laid out by the selectmen, viz :

Boardman avenue, running from Main street, easterly, to Damon avenue.

Frost avenue, running from Damon avenue to Hawes avenue.

Hawes avenue, running from Boardman avenue to Heywood street.

Damon avenue, running from Boardman avenue to Heywood street.

Cumner avenue, running from Grove street, southerly, to Folsom street.

Wheeler avenue, running from Grove street, southerly, to Folsom street.

Art. 14. *Voted*, To accept the jury list as revised.

Art. 15. *Voted*, That Royal P. Barry, John W. Farwell, John Larrabee, S. F. Keyes, F. W. Hunt, George R. Jones, Moses S. Page, F. H. Merrill, Decius Beebe, Eugene H. Moore, Charles H. Adams and William N. Folsom be a finance committee to serve for the ensuing year.

Also that the committee be authorized to fill any vacancies that may occur.

Voted, That the park commissioners and three other citizens be a committee to examine into the matter of taking, by purchase or otherwise, land adjoining the rear of the "Old Burial Ground," on Main street, and report upon same at a subsequent meeting. Messrs. John Larrabee, John W. Farwell and Walter Babb were appointed by the moderator as the additional committee.

The committee to whom was referred the matter of raising and paying money to volunteer soldiers, and their families, made a report through the chairman, Hon. W. E. Barrett. From the report it appears that the total amount due under the vote of the town, (May 6, 1861), aggregated \$44,729.49. Of this the the sum of \$18,114.50 has been paid; leaving still unpaid a balance of \$27,459.16. In accordance with the recommendation of the committee, it was

Voted, unanimously, That the town, through its selectmen, petition the general court that the sums of money due under the vote of the town, passed May 6, 1861, less the amounts

heretofore paid in each case, under such vote, be paid directly by the state to the surviving beneficiaries of said vote, and to the heirs at law of those who are deceased; and that the selectmen and our representatives in either branch of the legislature be requested to use all proper means to secure such legislation.

Voted, That John Larrabec, Arthur M. Willis, Seth E. Benson and F. S. Hesseltine be appointed, they to elect another citizen, so that the committee shall consist of five members, and the board of selectmen, *ex officio*, to take into consideration all matters relating to the present imperfect drainage of the town, through the medium of Ell Pond and Spot Pond brooks; also to examine into the attitude of the city of Malden in allowing the waters of said streams to be choked and damned up within the territory of said city, contrary to the orders given by the county commissioners, under authority of Chapter 378, of the Acts of 1869, thus allowing the waters of said brooks to flow back upon property of citizens of the town of Melrose, to the great damage of private interests, and more especially of the public health.

Voted, That said committee commence their investigations without delay and report their findings hereunder to the town at the earliest practicable moment.

Levi S. Gould was added to the committee.

Voted, To adjourn sine die.

Statistics of Births, Marriages and Deaths

REGISTERED IN THE TOWN CLERK'S OFFICE

FOR THE YEAR 1895.

	Births.	Marriages.	Deaths
January,	23	8	7
February,	21	6	22
March,	23	7	10
April,	22	21	24
May,	19	9	10
June,	25	21	15
July,	28	7	12
August,	30	8	18
September,	24	16	12
October,	32	10	17
November,	26	17	9
December,	23	6	8
Births previous to 1895, not recorded,	4	..	..
	300	136	164

INTENTION OF MARRIAGE RECORDED.

No. of couples,	134
Both residing in Melrose,	66
But one residing in Melrose,	67
Neither residing in Melrose,	1
	134

BIRTHS.

Number registered,		300
More than last year,	13	
Males,	146	
Females,	154	
		300
Born in Melrose,	297	
" elsewhere,	3	
Born of American parents,	127	
" Foreign parents,	106	
" American father and foreign mother,	41	
" Foreign father and American mother,	19	
Not classified,	7	
		300

MARRIAGES.

Whole number of couples registered,		136
More than last year,	29	
Both parties American,	66	
Both parties foreign,	38	
American and foreign,	32	
		136
First marriage of persons,	241	
Second marriage of persons,	29	
Third marriage of persons,	1	
Fourth marriage of persons,	1	
		272

DEATHS.

Whole number registered,	.	.	.		164
Less than last year,	.	.	.	26	
Males, (married,)	.	.	.	29	
Females, (married,)	.	.	.	27	
Widowers,	.	.	.	5	
Widows,	.	.	.	27	
Males, (single,)	.	.	.	12	
Females, (single,)	.	.	.	9	
Male children,	.	.	.	34	
Female children,	.	.	.	21	
				—	164
Stillborn or premature birth,	.	.	.	16	
Under 1 year,	.	.	.	21	
From 1 to 5,	.	.	.	11	
“ 5 to 10,	.	.	.	6	
“ 10 to 20,	.	.	.	3	
“ 20 to 30,	.	.	.	16	
“ 30 to 40,	.	.	.	13	
“ 40 to 50,	.	.	.	9	
“ 50 to 60,	.	.	.	15	
“ 60 to 70,	.	.	.	19	
“ 70 to 80,	.	.	.	21	
“ 80 to 90,	.	.	.	14	
				—	164

DOG LICENSES 1895.

Total number issued,	.	.	.	.	528
More than last year,	.	.	.	.	18
Males,	.	.	.	.	478
Females,	.	.	.	.	49
Breeder's,	.	.	.	.	1
					—
Paid county treasurer :					528
June 1, 1895,	.	.	.	.	\$523 80
December 1, 1895,	.	.	.	.	598 40
					— \$1,122 20

JURORS DRAWN DURING 1895.

January 29,	.	.	.	.	Danforth D. Stratton.
" "	.	.	.	.	Henry Osborne.
February 5,	.	(Grand Jury),	William A. Burrell.		
April 8,	.	.	.	.	Ephraim O. Howes.
May 21,	.	.	.	.	William H. Dole.
" "	.	.	.	.	Elias R. Cleveland.
August 28,	.	.	.	.	George C. Boerum.
" "	.	.	.	.	Arthur C. Currier.

AUCTIONEERS' LICENSES ISSUED DURING 1895.

Burrell, William A.	.	.	Expires February 3, 1896.
Buttrick, Sidney H.	.	.	" September 4, "
Ellison, Charles W.	.	.	" February 22, "
Fernald, Edmond E.	.	.	" June 14, "
Kilgore, Rufus D.	.	.	" "
" "	.	.	" October 31, "
Kimball, Fred T.	.	.	" May 31, "
Lovejoy, Stephen A.	.	.	" September 30, "
Nowell, Joshua T.	.	.	" April 5, "
Small, Edwin S.	.	.	" August 12, "
Swett, Charles C.	.	.	" February 17, "

CARRIAGE LICENSES.

- No. 1. Ellis, W. B., Melrose station.
 2. " " " "
 3. Gallant, Mack C., Wyoming station.
 4. Keating, William E., Wyoming station.
 5. " " " " "
 7. Anderson, John H. L., Melrose station.
 8. " " " "
 9. Wheaton, Howard D., Melrose station.
 10. " " " "
 16. Austin, John S., Melrose station.
 17. " " " "
 18. Gallant, Mack C., Wyoming station.
 19. Twombly, A. J., Highlands station.
 20. Whelan, Thomas F., Melrose station.

Above licenses expire June 30, 1896.

Respectfully submitted,

E. K. BORDMAN,

Town Clerk.

AUDITOR'S REPORT.

To the Inhabitants of Melrose:

In compliance with the provisions of Chapter 221 of the Acts of the year 1889, I have the honor to report as follows:

I have examined the books of the treasurer, collector, water registrar, and sewer department, and find them correctly kept and proper vouchers for all the transactions they contain.

In compliance with the vote of the town, I have compiled the annual Town Report, and submit the same.

Respectfully,

EDWIN C. GOULD,

Auditor.

EXPENSES OF THE TOWN OF MELROSE

FOR THE

YEAR ENDING DECEMBER 31, 1895,

As compiled by the Auditor from the Original Vouchers.

CENTRAL FIRE STATION.

Cash received for treasury notes,	\$20,000 00	
“ “ “ “ premium,	274 00	\$20,274 00

EXPENDED.

Boston Advertiser, advertising proposals,	\$8 50	
Boston Herald, Co., advertising proposals,	9 00	
Brackett & Roberts, legal services,	10 00	
Dow, Lewis A., architect services, on account,	300 00	
Gibbons, R., moving shed,	18 00	
Globe Newspaper Co., advertising proposals,	10 50	
Ham & Co., L. M., iron beams,	6 53	
<i>Amount carried forward,</i>		\$20,274 00

<i>Amount brought forward,</i>					\$20,274 00
Hines, Alfred H., on account contract,	\$11,920	00			
Journal Newspaper Co., advertising pro-					
posals,				11	90
Lynde, A. W., labor,				154	00
Melrose Journal, advertising proposals,				3	63
Town of Melrose Sewer Department,					
sewer connection,				56	03
					\$12,508 09
Balance,					\$7,765 91

CENTRAL FIRE-STATION DRAIN.

Benson & Co., S. E., drain pipe,				\$9	72
Ellis, F. E., contract and labor,				369	00
Perrin, Seaman & Co., drain pipe,				55	12
Stevens, W. C., surveying,				6	00
					\$439 84

Treasurer authorized to borrow \$500.

CONTINGENT.

Appropriation,					\$3,500 00
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RECEIPTS.

Burrell, W. A., auctioneer's license				\$2	00
Buttrick, S. H.,	"	"		2	00
Ellison, C. W.,	"	"		2	00
Fernald, E. S.,	"	"		2	00
Kilgore, R. D.,	"	"		4	00
Kimball, Fred,	"	"		2	00
Lovejoy, S. A.,	"	"		2	00
Nowell, J. T.,	"	"		2	00

<i>Amount carried forward,</i>					\$3,500 00
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<i>Amount brought forward,</i>			\$3,500 00
Small, E. S., auctioneer's license,		\$2 00	
Swett, C. C., " "		2 00	
Anderson, J. H. L., carriage license,		2 00	
Austin, J. S., " "		2 00	
Ellis, W. B., " "		2 00	
Gallant, M. C., " "		2 00	
Keating, W. E., " "		2 00	
Sypher, I. N., " "		2 00	
Twombly, A. J., " "		1 00	
Wheaton, H. D., " "		2 00	
Whelan, Thos. F., " "		1 00	
Dole, Wm. H., inspector of milk, fees,		39 00	
			<u>\$77 00</u>
			\$3,577 00

EXPENDED.

American Express, expressage,		\$2 40	
Badger, W. B., desk and chair,		27 00	
Bailey, Thos. T., clerical services for committee on veterans,		22 75	
Bordman, E. K., town clerk, sundries for use of office,		74 47	
Bordman, E. K., town clerk, recording, indexing, and returning births, mar- riages, and deaths,		181 15	
Bordman, E. K., expense of stereopti- con, showing new town seal,		5 00	
Buttrick, S. H., sundries for selectmen's room, and railroad fares,		12 04	
Calderwood, Mary E. C., returns of conveyances from register of deeds office, for assessors,		63 58	
<i>Amount carried forward,</i>			<u>\$3,577 00</u>

<i>Amounts brought forward,</i>		\$3,577 00
Carrie & Co., Wm. A., treasurer's check		
books,	\$15 00	
Cross, H. M. & L. W., stationery,	9 40	
Derby, Kilmer & Pond Desk Co., table		
for selectmen's room,	50 00	
Deering & Co., J. P., lumber, band stand		
and Ell pond bathing ground,	9 51	
Dill, Jesse A., lunches, March and		
November elections, for tellers,		
clerks, selectmen, and police,	136 50	
Dimond & Co., H. C., stamp,	55	
Dunton & Potter, 2500 town reports,	625 30	
" " printing voting lists,	114 83	
Dunton & Potter, printing for collector		
of taxes,	71 25	
Dunton & Potter, printing for town		
clerk,	28 25	
Dunton & Potter, sundry printing,	33 50	
Dunton & Potter, advertising town		
meetings and hearings,	31 88	
Eastman's Express, expressage,	8 30	
Edwards, Joseph, repairing wagon,	3 50	
Election Officers, pay roll March elec-		
tion,	65 00	
Ellison, C. W., postmaster, stamps,	34 38	
Fairbanks, J. L. & Co., stationery,	22 93	
Ford, Mabel S., returns of conveyances		
from registry of deeds,	2 62	
Fuller, Geo. E., ringing bell Feb. 22,		
April 19, June 17, and July 4,	8 00	
Goodno, W. A., stock and labor,	12 90	
<i>Amount carried forward,</i>		\$3,577 00

<i>Amount brought forward,</i>		\$3,577 00
Hesseltine, F. S., legal services,	\$600 00	
Jeffery & Co., T. E., light ex. saddle,	6 00	
King, G. F., & Merrill, account books and stationery,	12 21	
Lambert, J. A., ringing bell Feb. 22, April 10, June 17, and July 4,	8 00	
Lane, Addison, postage stamps,	27 84	
Larkin, Ed., care of assessors' room,	5 00	
Library bureau, card case and cards,	22 15	
Malden and Melrose Gas Co., gas for assessors' room,	48	
Manning & Sons, J., moving safe, asses- sors,	10 00	
McCoubry, Thos., stock and labor,	3 85	
McCullough, J. J., chair,	4 50	
Melrose Journal, advertising warrants, meetings and hearings,	106 00	
Melrose Journal, ballots and warrants,	94 00	
Melrose Journal, sundry printing,	21 50	
Mills, Charles, surveying, plans and at- tendance at court in suits against town,	150 00	
Morse & Jones, M. D., professional ser- vices,	2 00	
Murray, Thos. and Jeremiah, damages falling on ice, Tremont street,	75 00	
New England Telephone and Tele- graph Co., rental of telephone,	114 90	
Perry, H. J., brass rings,	20	
Pierce & Son. A. B., returning deaths,	29 00	
Pierce, A. B., posting and distributing town warrants and reports,	130 00	
<i>Amount carried forward,</i>		\$3,577 00

<i>Amount brought forward,</i>			\$3,577 00
Public Library, 1 table,		\$20 00	
Amadon, A. F., M. D., returning births,	1 25		
Cain, H. W., " " "	50		
Clark, J. S., " " "	8 25		
Dike, J., " " "	2 25		
Harlow, C. W., " " "	3 00		
Jack, E. S., " " "	9 75		
Jones, L. C., " " "	3 50		
Morse, F. H., " " "	8 75		
Odlin, C. C., " " "	19 25		
O'Leary, J. A., " " "	25		
Smith, O. P., " " "	25		
Warren, E. L., " " "	50		
Rand, R. M., posting bills,	10 00		
Ripley, T. W., 700 copies poll books,			
for assessors,	297 80		
Ripley, T. W., books for assessors	19 00		
" " " " collector,	21 50		
Sampson, Murdock & Co., directory,	5 00		
Scribner, S. M., hardware,	5 15		
Shannon, Jas. J., 2 Peabody files,	3 95		
Stantial, G. C., letter book and stamp,	2 81		
Sypher, I. N., cash returned,	2 00		
Walton, Oliver & Son, returning deaths,	5 00		
Weeks, I. C., ringing bell Feb. 22,			
April 19, June 17 and July 4th,	8 00		
Woodward, D. R., labor and teaming			
booths for use Nov. election,	17 98	\$3,570 31	
Amount of approved bills unpaid, \$111 28			
Balance,			6 69

CONTINGENT SPECIAL.

DAMAGES, LAWSUITS, ETC.

Bailey, James A.,	\$50 00
Election officers, pay roll Precinct 1,	50 00
“ “ “ “ “ 2,	75 00
“ “ “ “ “ 3,	70 00
Fitzpatrick, Mrs. Elizabeth F., damages, falling on ice,	57 60
Hesseltine & Hesseltine, legal services,	1,874 25
Rich, L. H., damage to horse, defective highway,	25 00
Stantial, Geo. C., services making dupli- cate set of valuation books, . . .	75 00
Stone, Mrs. E. E., damages for fall on ice, Grove street,	50 00
Wallis, Louis R., damages for defective highway.	55 84
Ormsby, Mrs. Honora, balance in settle- ment in full of claim,	8 75
	\$2,391 44

CLEAVELAND STREET.

Appropriation,	\$1,200 00
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EXPENDED.

Gibbons, R., contract,	\$892 00
Lowe, Mrs. Delphia, damages for land taken,	129 00
Ormsby, Mrs. Honora, damages for land taken,	111 00
Parker, A. W., stock and labor,	8 00
Pay roll, labor,	60 00
	\$1,200 00

FIRE DEPARTMENT.

Balance,	.	.	.	.	.	\$3 05
Appropriation,	.	.	.	.	.	9,100 00
						\$9,103 05

EXPENDED.

Lynde, A. W., chief engineer,	.	.	62 50
Lear, Samuel, engineer and clerk,	.	75 00	
Parker, A. W., engineer,	.	62 50	
			\$200 00

Melrose Steamer.

Services of Men.

Bartlett, Stephen, driver steamer,	.	\$777 45
Whidden, Robert, driver steamer,	.	14 91
Stockwell, Dean, driver hose wagon,	719 05	
Holbrook, J. M., captain,	.	35 00
Emerson, J. W., lieutenant,	.	35 00
Edwards, J. H., engineer,	.	200 00
Edwards, C. W., asst. engineer,	.	95 00
Burnham, G. E.,	.	35 00
Hawkes, T. J.,	.	35 00
Sargent, W. C.,	.	35 00
Shute, C. N.,	.	35 00
Smith, A. B.,	.	35 00
Stantial, T. B.,	.	35 00
Upham, A. L.,	.	35 00
Woodward, C. F.,	.	35 00
Woodward, D. H.,	.	35 00

Amounts carried forward, . \$2,191 41 \$9,103 05

<i>Amounts brought forward,</i>	\$2,191 41	\$9,103 05
Boston Coupling Co., supplies,	50 00	
Brock Bros., sundries,	2 05	
Chesterton & Co., A. W., waste,	2 50	
Edwards, Joseph, stock and labor,	17 15	
Gibbs & Nelson, fire lighter,	10 00	
Goss, C. B. & F. H., coal, hay and oats,	655 07	
Holbrook & Norton, sundries,	22 95	
Jefts, W. A., bed and bedding,	14 00	
Johnson, J. B., polish,	75	
Lynde, H., hay,	30 56	
MacLachlan, A. L., sundries and repairing,	20 20	
McCoubry, Thos., horse shoeing, etc.,	65 41	
Malden & Melrose Gas Co.,	63 52	
New England Telephone & Telegraph Company, tolls,	1 00	
Parker, A. W., washing and ironing,	68 00	
Perry, H. J., sundries,	1 25	
Scrannage Bros., repairing,	6 75	
Scribner, S. M., alcohol,	40	
Whidden, R., gal. hamamelis,	1 00	
	\$3,223 97	

Hook and Ladder No. 1,

Services of Men.

Whidden, R. H., driver truck,	\$273 70
Edwards, J.,	35 00
Gibson, D. E.,	35 00
Gordon, C. S.,	35 00
Johnson, W. E.,	35 00
<i>Amount carried forward,</i>	\$9,103 05

<i>Amount brought forward,</i>		\$9,103 05
Kelley, T.,	\$17 50	
Lynde, W. A.,	35 00	
McDonald, A. W.,	35 00	
Norton, H. R.,	29 17	
Parker, D. O.,	35 00	
Robertson, H. S.,	35 00	
Stewart, W. H.,	35 00	
Tyzzar, F. H.,	35 00	
Tyzzar, J.,	35 00	
Whidden, R. H.,	17 50	
Wiswell, D. W.,	35 00	
Lynde, W. A., steward,	30 00	
	787 87	
Berry, Charles E., 2 pairs harnesses,	52 00	
Boston Coupling Co., charges for extinguishers,	6 30	
Eastman's Express, hauling truck,	185 00	
Edwards, Joseph, stock and labor,	2 75	
Holbrook & Norton, sundries,	3 86	
MacLachlan, A. L., blankets, etc.,	4 85	
Smith Bros., sharpening axes,	80	
Williams, J. S., two bridles,	9 50	
	1,052 93	

N. D. Blake Hose Co. No. 2,

Services of Men.

Buchanan, P.,	\$29 17
Cotting, W. M.,	35 00
Doherty, C. F.,	35 00
Gibbons, J. R.,	35 00
Gibbons, R., Jr.,	35 00
Hamlin, J. M.,	35 00

Amount carried forward, \$9,103 05

<i>Amount brought forward,</i>		\$9,103 05
Phipps, W. F.,	\$35 00	
Simpson, H. W.,	35 00	
Stantial, E. B.,	35 00	
Thompson, C. B.,	35 00	
Gibbons, R., Jr., steward,	40 00	
	\$384 17	
Benson & Co. S. E., coal and wood,	11 25	
Boston Coupling Co., repairing,	2 25	
Bugbee & Barrett, lantern globes,	1 25	
Edwards, Jos., stock and labor,	4 00	
Goss, C. B. & F. H., coal and wood,	21 13	
Keating, W. E., hauling carriage,	35 00	
Malden and Melrose Gas Co., gas,	16 80	
Parker, A. W., setting glass,	1 25	
Perry, H. J., hardware,	5 03	
Pratt, F. A., hauling carriage,	2 00	
Wyoming Lodge trustees, rent,	200 00	
	\$687 13	

Highland Hose, No. 3.

Services of Men.

Newhall, L. D., driver hose wagon,	\$366 54
Adams, H. E.,	35 00
Black, J. C.,	35 00
Cheever, F. H.,	32 08
Day, A. E.,	35 00
Hebblethwaite, J. W.,	35 00
Morton, F. E.,	35 00

Amount carried forward, . . . \$9,103 05

<i>Amount brought forward,</i>	.	.	\$9,103 05
Newhall, L. D.,	.	.	17 50
Porter, T.,	.	.	35 00
Storey, A.,	.	.	35 00
Walton, A. J.,	.	.	35 00
Newhall, L. D., steward,	.	.	20 00
			\$716 12
Allen, G. F., hauling carriage,	.	.	36 00
Benson & Co., S. E. coal,	.	.	30 50
Boston Coupling Co., repairing,	.	.	5 50
Brock Bros., hose nozzle,	.	.	50
Burgess, C. S., hardware,	.	.	24 87
Deering & Co., J. P., lumber,	.	.	212 23
Emery & Co., W., doors and windows,	.	.	16 75
Goss, C. B. & F. H., hay, grain and coal,	.	.	45 37
Hebblethwaite, J. W., stock and labor,	.	.	54 79
Jordan & Christie, dusters,	.	.	1 75
Lear, Samuel, stock and labor,	.	.	207 90
“ “ bedding,	.	.	4 64
Merrill & Son, G. P., horse shoeing,	.	.	4 25
Parker, A. W., stock and labor,	.	.	162 82
Scott, John, building chimney,	.	.	26 00
Singer, J., Jr., sundries,	.	.	20 13
Snow, Edgar, one horse,	.	.	175 00
Stewart, W. H., labor on fence,	.	.	10 44
Williams, J. S., harness and blankets,	.	.	56 15
			\$1,811 71

Wm. E. Barrett Hose, No. 4.

Services of Men.

Burnett, A. J.,	.	.	\$35 00
<i>Amount carried forward,</i>	.	.	\$9,103 05

<i>Amount brought forward,</i>		\$9,103 05
Armstrong, J. R.,	\$32 08	
Carlin, D.,	32 08	
Carney, W. H.,	35 00	
Critchett, C. J.,	35 00	
Johnson, F. B.,	35 00	
McKinnon, C. E.,	35 00	
Russell, E. W.,	35 00	
Russell, G. D.,	35 00	
Vaughn, V.,	20 42	
Critchett, C. J., Steward,	40 00	
	\$369 58	
Benson & Co., S. E., coal,	11 25	
Brock Bros., stock and labor,	16 82	
Bugbee & Barrett, lamps,	4 75	
Carlin, D., hauling carriage,	42 00	
Goss, C. B., & F. H., coal,	12 50	
Lynde, A. W., labor,	11 24	
Stone, Mrs. W. P., sundries,	13 10	
Town of Melrose, sidewalk,	8 58	
	\$489 82	

FIRE ALARM MAINTENANCE.

Anderson, J. H. L., horse and wagon,	\$1 00
Beattie Zinc Works Co., zincs,	6 00
Bly, C. L., one fuse,	55
Burnham, G. E., salary,	108 34
“ “ labor and expenses,	132 95
Chase, C. R., horse hire,	12 00
<i>Amount carried forward,</i>	\$9,103 05

<i>Amount brought forward,</i>	.	.	\$9,103 05
Deering & Co., J. P., lumber,	.	.	\$5 38
Edwards, Joseph, stock and labor,	.	.	3 50
Fenn, G. E., tools,	.	.	10 98
Hall, B. B., horse hire,	.	.	8 00
Jenkins, O., oil,	.	.	75
King & Co., E. & F., vitriol,	.	.	20 25
Perry, H. J., hardware,	.	.	8 59
Stantial, T. B., labor,	.	.	3 10
Stevens, G. M., zinc, vitriol and sundries,	189	65	
United States Fire and Police Telegraph Co., three alarm boxes and section wheel,	.	.	182 00
			\$693 04

MISCELLANEOUS BILLS.

Anderson, J. H., horse and wagon,	.	.	\$3 00
Chandler, L. E., horse clipping,	.	.	1 00
Chase, O. R., horse hire,	.	.	3 50
Dunton & Potter, reports,	.	.	6 00
Eastman's express, expressage,	.	.	15 05
Edwards, Joseph, stock and labor,	.	.	16 65
Frost & Hawes, chimneys,	.	.	21
Hall Manufacturing Co., axes,	.	.	11 25
Holbrook & Norton, sundries,	.	.	8 70
Lear, Samuel, stamps and stationery,	.	.	8 20
Norton, D., rope,	.	.	5 04
Perry, H. J., hardware,	.	.	4 16
Revere Rubber Co., hose,	.	.	747 50
Scribner, S. M., wrench,	.	.	90
Simpson, W. M., V. S., services,	.	.	7 00
Williams, J. S., blankets,	.	.	13 75
			\$851 91
<i>Amount carried forward,</i>	.	.	\$9,103 05

Amount brought forward, \$9,103 05

RECAPITULATION.

Engineers,	\$200 00
Melrose steamer,	3,223 97
Hook and Ladder No. 1,	1,052 93
N. D. Blake hose No. 2,	687 13
Highland hose, No. 3,	1,811 71
Wm. E. Barrett hose No. 4,	489 82
Fire alarm maintenance,	693 04
Miscellaneous,	851 91
	\$9,010 51
Balance,	92 54

HEALTH DEPARTMENT.

Balance,	\$48 71
Appropriation,	1,700 00
Cash for fees,	43 00
	\$1,791 71

EXPENDED.

Cross, H. M. & L. W., brimstone,	\$4 40
Donnelly, J. E., burying dog,	1 00
Dunton & Potter, printing and advertising proposals,	27 15
Grundy, E. L., inspector of plumbing,	463 23
Goodo, W. A., order box,	4 80
Higgins, T. R., collecting swill,	1,100 00
Hitchins, John, delivering circulars,	7 50
<i>Amount carried forward,</i>	\$1,791 71

<i>Amount brought forward,</i>		\$1791 71
Mass. Ass. of Boards of Health, dues,	\$9 00	
Melrose Journal, printing and advertising proposals,	20 75	
McLaughlin, F. M., services agent, 1895,	25 00	
Prevoe, Joseph, service,	1 00	
Rockwell & Churchill, printing,	8 50	
Sanborn, J. E., M. D., expenses, postage, car fare, etc.,	18 60	
Warren, E. L., fumigating, car fare, etc.,	99 50	
York, Josiah, burying dog,	50	
		\$1,790 93
Balance,		78

HIGHWAY DEPARTMENT.

Balance,	\$10 64
Appropriation,	14,800 00
Transfer from steam road-roller,	700 00
	\$15,510 64

RECEIPTS.

Boston Rubber Shoe Co., catch-basin covers,	\$7 00
Bryne, A. W., broken stone,	101 75
Deering & Co., J. P., plank,	1 00
Ellis, F. E., use of boiler and drill,	18 00
Gould, L. S., gravel,	76 50
Hiland, Ira, sidewalk and edgestone,	58 41
Lynde, A. W., stone,	19 25
Phillips, Geo. E., edgestone,	52 87
Cemetery department, gravel,	143 50
Sewer " repairing streets,	845 75
Water " " "	150 00
	\$1,474 03
<i>Amount carried forward,</i>	\$16,984 67

Amount carried forward, . . . \$16,984 67

EXPENDED.

Allen, G. F., snow plowing, . . .	\$105 00
American Express, expressage, . . .	39 80
Ames Plow Co., plows, . . .	32 17
American Steam Gauge Co., . . .	4 00
Anderson, G. P., oils, . . .	41 18
Benson & Co., S. E., coal, . . .	46 90
Boston & Maine R. R., freights, . . .	66 56
Braman, Dow & Co., valves, . . .	87
Brock Bros., iron fence, . . .	129 73
“ “ sundries, . . .	5 49
Bryne, A. W., laying pipe, . . .	120 00
Bugbee & Barrett, sundries, . . .	25 91
Chesterton & Co., A. W., engineers’ supplies, . . .	21 81
Concord Foundry Co., grates, . . .	64 80
Cunningham Co., J. H., pipe, . . .	6 87
Deering & Co., J. P., lumber and posts, . . .	64 17
Dew, Geo. W., signs, . . .	6 00
Eastman’s Express, expressage, . . .	12 60
Edmester, E. B., 10,000 brick, . . .	130 00
Edwards, Jos., stock and labor, . . .	40 90
Ellis, F. E., use of boiler, . . .	12 00
Ellis, Walter B., salary as supt., 12 mos., . . .	1,000 00
Gibbons, J. R., snow plowing, . . .	45 00
Goodno, W. A., stock and labor, . . .	10 25
Fernald, C. S., gravel, . . .	19 10
Frost & Hawes, oil, . . .	47
Hartnett, Michael, labor, . . .	48 00
Harvey, H. H., tools, . . .	12 09
Hatch & Co., J. P., painting fence, . . .	5 00

Amount brought forward, . . . \$16,984 67

<i>Amount brought forward,</i>	\$16,984 67
Hebblethwaite, J. W., stock and labor;	\$2 30
Hoffman, C. L. snow plowing,	31 50
“ “ gravel,	3 00
“ “ concreting,	339 98
Hunnewell, H. E., 30 loads stone,	37 50
Kelly Co., The O. S., grease,	2 25
Kidder, Samuel, oil,	7 50
Lynde, A. W., snow plowing,	41 25
“ “ setting edgestones,	113 63
Lynn & Boston R. R., paving stones,	61 60
Marshall, James, coal and wood,	321 97
“ “ cutting trees,	19 75
McCoubry, Thos., stock and labor,	142 96
Melrose, Town of, sewer dept., services of engineer,	125 00
Melrose, Town of, sewer dept., cement,	22 22
“ “ “ pipe,	30 77
Melrose, Town of, water dept., stock and labor,	132 86
Morse & Jones, Drs., operation and at- tendance on Dennis Murphy,	15 00
Morton & Co., A. M., oil cup,	60
Murphy, Dennis, labor,	52 50
Newhall, T. R., bridge stone,	32 00
“ “ catch-basin stone,	39 88
“ “ capstones,	143 28
“ “ edgestones,	146 88
Norris, T., concreting,	176 93
Parker, A. W., making signs,	18 65
Perrin, Seamans & Co., shovels, barrows, tools, and drain pipe,	294 15
<i>Amount carried forward,</i>	\$16,984 67

<i>Amount brought forward,</i>	.	.	.	\$16,984 67
Perry, H. J., hardware,	.	.	.	\$23 32
Philpot, R., 1,207 loads gravel,	.	.	.	120 70
“ “ two cable chains,	.	.	.	5 00
Richards & Co., spelter,	.	.	.	6 32
Ricker, J. E., time books,	.	.	.	1 00
Sampson, George H., forcite, etc.,	.	.	.	229 24
Scribner, S. M., hardware, etc.,	.	.	.	29 61
Smith Bros., sharpening axes,	.	.	.	90
Stevens, W. C., surveying,	.	.	.	105 50
Taylor Iron & Steel Co., concaves				
and cone for stone crusher,	.	.	.	193 76
Vacuum Oil Co., oil,	.	.	.	21 00
Wellington, A. J., belting,	.	.	.	113 93
Wellington, A. J., head shaft and zincs,	.	.	.	204 36
Wells, W. H., 1393 loads gravel,	.	.	.	139 30
Whittier, E. L., cleaning brook,	.	.	.	19 50
Woodward, D. R., stock and labor,	.	.	.	133 99
Labor, men and teams, as per pay rolls,	13,791	65		
				19,611 66
Expenditures exceed receipts,	.	.	.	\$2,626 99
Treasurer authorized to borrow	\$2,500	00		
Amount of approved bills unpaid,	\$670	76		

INSURANCE.

Appropriation,	.	.	.	.	.	\$600 00
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EXPENDED.

Buttrick, Sidney H.,	.	.	.	.	\$22 50
Goss, E. H.,	.	.	.	.	45 00
<i>Amount carried forward,</i>	.	.	.	.	\$600 00

<i>Amount brought forward,</i>			\$600 00
Hanaford, J. L.,	\$208	76	
Hartford Steam Boiler Inspection Co.	100	00	
Larrabee, John,	48	87	
Leighton, Royal B.,	120	00	
Melchert, Mrs. A. A.,	45	00	
Rose & Dunkle,	45	00	
Selee, N. P.,	112	50	
Small, Edwin S.,	45	00	
Westgate & Johnson,	96	21	\$888 84
Expenditures exceed appropriation,	\$288	84	

INTEREST.

Balance,		\$357 57
Appropriation,		\$5,000 00

RECEIPTS.

From Collector of Taxes, Interest Collected.

Taxes of 1890,	71	
" 1891,	57	
" 1892,	80	
" 1893,	383	51
" 1894,	2,352	36
" 1895,	188	25
Interest on deposits, year ending Dec.		
31, 1895.	296	47
Interest accrued, treasurer's note, Cen-		
tral fire station,	84	45
		3,307 11
<i>Amount carried forward,</i>		\$8,664 69

Amount brought forward, . . . \$8,664 69

EXPENDED.

Interest coupons, Town Hall bonds,		
\$45,000 at 4 per cent., . . .	\$1,780 00	
Austin, J. S., . . . Note.	80 00	
Baker, Elizabeth F., . . . "	45 00	
Barron, Sarah F., . . . "	8 00	
Cemetery Trust funds, . . . "	139 26	
Commonwealth of Massachusetts, "	840 00	
Conant, W. F., . . . "	70 11	
Eldridge, Eliza, . . . "	26 88	
Goss, E. H., . . . "	40 00	
Gould, L. S., . . . "	47 33	
Haskell, Mrs. L. C., . . . "	200 00	
Melrose Savings Bank, . . . "	2,464 66	
Odlin, C. C., . . . "	14 00	
Provident Institution for Savings, "	840 00	
Water Loan Sinking Fund Com., "	288 86	
Worcester Savings Bank, . . . "	400 00	\$7,284 10
Balance,		<u>\$1,380 59</u>

MAIN STREET WIDENING.

Amounts paid as per report of 1895, \$13,955 96

AMOUNTS PAID IN 1895.

Mrs. Georgie Amory,	562 00	
A. Hill,	1,212 61	\$15,730 57

RECEIPTS.

Cash from County Treasurer, . . .	6,500 00	
Appropriation.	1,955 96	\$8,455 96
Deficiency,		<u>\$7,274 61</u>

MEMORIAL DAY.

Appropriation,	.	.	.	.	.	\$200 00
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EXPENDED.

U. S. Grant Post No. 4, Department of Massachusetts G. A. R.,	.	.	.	200 00
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MILITARY AID.

Balance, 1894,	.	.	.	.	.	\$174 50
Appropriation,	.	.	.	.	.	200 00
						\$374 50

EXPENDED.

Boyd, William,	.	.	.	.	.	180 00
Campbell, George,	.	.	.	.	.	96 00
Riley, William J.,	.	.	.	.	.	44 00
Stevens, Horace W.,	.	.	.	.	.	110 00
York, Josiah R.,	.	.	.	.	.	96 00
						\$526 00
Less one-half to be refunded by state,						263 00
Balance,	.	.	.	.	.	\$111 50

NUMBERING BUILDINGS.

Balance, 1894,	.	.	.	.	.	88
Appropriation,	.	.	.	.	.	75 00
						\$75 88

EXPENDED.

Drown, O. E., numbering buildings.	.	21 30
Wilkinson & Co., A. J., door numbers,	.	27 60
		\$48 90
Balance,	.	\$26 98

PUBLIC PARKS.

Balance, 1894,	.	.	.	.	.	\$64 33	
Appropriation,	.	.	.	.	.	250 00	
							\$314 33

EXPENDED.

Dew, G. W., bronzing Town Hall vase,						\$10 00	
Fuller, George E., care of vase, Town							
Hall,	.	.	.	.	.	5 00	
Geist, Justus, filling vase, Town Hall,	.					10 00	
Howard, Otis, labor and loam,	.	.				27 50	
Lynde, A. W., setting edgestone,	.					15 25	
Newhall, T. R., edgestone,	.	.	.			227 16	
Philpot, R., sprinkling street,	.	.	.	.		10 00	
Scribner, S. M., lawn mower,	.	.				3 50	308 41
Balance,	.	.	.	.	.		5 92

POLICE DEPARTMENT.

Balance, 1894,	.	.	.	.	.	94 44	
Appropriation,	.	.	.	.	.	8,000 00	
Cash received, court fees,	.	.	.			596 43	
Cash received, house of correction fees,						101 00	
							\$8,791 87

EXPENDED.

Paid Officers, Services Rendered.

McLaughlin, F. M., chief,	.	.	.			\$912 50	
Allen, G. F.,	.	.	.	.	.	18 00	
<i>Amount carried forward,</i>	.	.					\$8,791 87

<i>Amount brought forward,</i>	\$8,791 87
Brigham, Arthur L.,	\$424 25
Brown, Harry,	912 50
Carter, Frank E.,	31 00
Caswell, Wm. A.,	912 50
Davidson, James,	6 75
Davis, John W.,	38 75
Drown, Osborne E.,	912 50
Fogg, Chas. F. W.,	879 00
Fuller, Geo. E.,	520 54
Goddard, Samuel,	1 75
Lynde, A. W.,	17 75
McCarthy, Wm. C.,	68 75
Pineo, Allston H.,	503 75
Rand, Redford M.,	895 00
Smith, Charles H.,	3 75
Smith, Jerome T.,	452 50
Wing, Chas. J.,	178 75
	\$7,690 29

MISCELLANEOUS.

Altamont Ice Co., ice,	\$3 00
Anderson, J. H. L., carriage hire,	1 00
Boston & Maine R. R., freight on wagon,	2 70
Bowser, W. J., horse shoeing,	23 50
Chandler, L. E., horse clipping,	6 00
Chase, O. R., boarding horse,	174 85
Clark, J. S., M. D., attendance at sta- tion,	1 00
Deering & Co., J. P., plank,	2 98
Dill, Jesse A., lunches,	5 02
<i>Amount carried forward,</i>	\$8,791 87

<i>Amount brought forward,</i>		\$8,791 87
Dunton & Potter, printing, . . .	\$6 50	
Eastman's Express, expressage, . . .	75	
Edwards, Jos., repairs,	14 86	
Evans, & Co., D., buttons,	15 00	
Fuller, Geo. E., keeper of lock-up, . . .	25 00	
Fuller, Geo. E., meals for prisoners, . .	7 00	
Hall, B. B., boarding horse,	82 00	
Johnson, J. B., repairing cushions, . .	1 25	
Kimball, F. T., use of wagon,	7 00	
King, G. F., & Merrill, stationery, etc.,	17 26	
Lane, D. M., patrol wagon with ambu- lance attachments,	330 00	
Larrabee & Stearns, sundries,	70	
Lovell Arms Co., J. P., clubs,	4 85	
Lynde, A. V., services and attendance at court,	45 00	
Maclachlan, A. L., harness and repair- ing,	21 25	
McGuire, Peter J., services and attend- ance at court,	15 00	
McLaughlin, F. M., expenses and car fare conveying prisoners,	45 33	
Mitchell, Mfg. Co., A. W., stencils, etc.,	3 70	
Page & Co., M. S., hand-cuffs, billy and twisters,	2 50	
Parker, A. W., stock,	60	
Patterson, J. H., whitewashing cells, . .	6 00	
Perry, H. J., hardware,	3 45	
Reed & Son, G. P., repairing badges. . .	30	
Tyzzar, F. H., painting wagon,	12 00	
Twombly, A. J., boarding horse,	10 00	
Welch & Hall, 1 gray horse,	100 00	
Winship, H. A., belts,	3 50	\$8,691 14
Balance,		\$100 73

SUPPORT OF POOR.

Balance, 1894,	.	.	.	.	.	\$294 14
Appropriations,	.	.	.	.	.	7,000 00
						\$7,294 14

RECEIPTS.

Boston, city of,	.	.	.	.	.	\$384 05
Commonwealth of Massachusetts,	.					184 54
Hardwick, town of,	.	.	.	.	.	136 55
Lynn, city of,	.	.	.	.	.	6 00
Malden, "	.	.	.	.	.	50 53
Middleton, town of,	.	.	.	.	.	234 00
Somerville, city of	.	.	.	.	.	14 50
Wenham, town of,	.	.	.	.	.	191 30
Crocker, Mrs., estate of,	.	.	.	.	.	169 46
Lyall, D. S., "	.	.	.	.	.	128 14
Thayer, Mary, "	.	.	.	.	.	193 65
						\$1,692 72
						\$8,986 86

EXPENDED.

Board and Clothing.

Barron, E. J., four months,	.	.	.	.	.	\$52 00
Bridgham, E. C., boots and shoes,	.					7 15
Clement's Emporium, dry goods,	.					12 95
Maria Deane, board,	.	.	.	.	.	12 00
Farrar, S. D., clothing,	.	.	.	.	.	4 00
Hawkins, Mary J., board,	.	.	.	.	.	156 00
Hitchins, E. R., "	.	.	.	.	.	154 56
Houghton, F. G., dry goods,	.	.	.	.	.	1 00

*Amount carried forward,**\$8,986 86*

<i>Amount brought forward,</i>	.	.	\$8,986 86
Hoyt, Mrs. H. A., board,	.	.	\$1 75
Hurd & Co., dry goods,	.	.	15 20
Knights, Mrs. J., board,	.	.	20 00
O'Leary, Maria, "	.	.	45 00
McDonald, Alice, "	.	.	39 00
Newhall & Co., Geo., boots and shoes,			174 05
Waite, G. M., board,	.	.	24 00
Walsh, J. M., "	.	.	39 00
Westgate & Son, G. L., dry goods,	.		6 27
Westgate, S. V., hat,	.	.	1 75
Woods, O. L., boots and shoes,	.	.	7 50
			\$773 18

Fuel.

Benson & Co., S. E., coal and wood,	.	\$141 10
Goss, C. B. & F. H., " " "	.	299 15
Marshall, James, " " "	.	7 05
Proudfoot & Co., D., " " "	.	1 60
Tredick, C. Morris, " " "	.	25 10
		\$474 00

Groceries, Provisions, &c.

Bugbee & Barrett,	66 18
Dean & Sons, A. F.,	66 00
Frost & Hawes,	15 50
Gates, A. E.,	12 26
Harris, F. W.,	9 00
Hinckley, L. F.,	344 78
Hocking, A.,	204 05

Amount carried forward, . . . \$8,986 86

<i>Amount brought forward,</i>						\$8,986 86
Holbrook & Norton,	.	.	.	.	\$266 00	
Hovey & Co., H. N.,	.	.	.	.	117 00	
Lucey Bros.,	.	.	.	.	38 00	
Nowell, S. H.,	.	.	.	.	31 92	
Osborne, Henry,	.	.	.	.	6 00	
Sanborn, F. E.,	.	.	.	.	62 69	
Simonds, John,	.	.	.	.	1 40	
Wells, W. H.,	.	.	.	.	6 00	
White, G. R.,	.	.	.	.	12 83	
Worthen, C. C.,	.	.	.	.	25 55	
					\$1,285 16	

Medical Attendance, Medicines, Nursing, etc.

Clark, J. S., M. D.,	.	.	.	.	\$123 00	
Critchett, C. E., nurse,	.	.	.	.	41 64	
Cross, H. M. & L. W., medicine,	.	.	.	.	103 05	
Draper, J. H., medicine,	.	.	.	.	9 45	
Gobel, Mrs. G., nurse,	.	.	.	.	3 00	
Gorman, Mrs., nurse,	.	.	.	.	7 00	
Harlow, C. W., M. D.,	.	.	.	.	33 00	
Jefferson, Jennie, nurse,	.	.	.	.	14 00	
Jones, Mrs. C. S., nurse,	.	.	.	.	63 50	
Larrabee & Stearns, medicine,	.	.	.	.	75 70	
Morse & Jones, M. D's.,	.	.	.	.	22 00	
Proctor, Minnie, nurse,	.	.	.	.	5 00	
Ware & Co., F. H., medicine,	.	.	.	.	1 35	
Robbins, G. Eugene, medicine,	.	.	.	.	75	
					\$502 44	
<i>Amount carried forward,</i>	.	.	.	.		\$8,986 86

Amount brought forward, . . . \$8,986 86

Outside Relief.

Boston, city of,		\$7 35
Brockton, "	,	192 38
Cambridge, "		12 06
Everett, "		106 76
Lowell, "		136 29
Lynn, "	. , . . .	133 25
Malden, "		138 00
Medford, "		3 80
Newton, "		19 50
		\$749 39

Rents.

Cobb, John W.,		\$48 00
Clark, E. M.,	. /	45 00
Deering & Co., J. P.,		169 00
Farnsworth, G. W.,		50 00
Fernald, B. M.,		39 00
Gordon, A. L.,		124 00
Henney, Mrs. J.,		28 00
Knights, Mrs. M.,		10 00
Larrabee, Charles A.,		36 00
Leonard, H. A.,		180 00
Locke, Simeon,		45 00
Lucey, D.,		30 00
Mahan, Thomas,		40 00
Middlesex Fells Spring Co.,		126 00
Murphy, Patrick,		96 00
Philpot, Robert,		10 80
Pierce & Co., C. F.,		296 00
Whittier, E. L.,		120 00
		\$1,492 80

Amount carried forward, . . . \$8,986 86

Amount brought forward, . . . \$8,986 86

Support of Insane.

Commonwealth of Massachusetts,	. \$322 44
Danvers Lunatic Hospital,	. . . 1,872 90
Haskins, Mrs. L. B.,	. . . 126 75
Turner, Wm. A.,	. . . 126 75
Westborough Insane Hospital,	. . 127 69
Worcester Lunatic Hospital,	. . 84 50
	\$2,661 03

Miscellaneous.

Austin, J. S., carriage hire,	. . . \$1 50
Bale, Mrs. M. D., cash disbursements,	50 00
Boston and Maine railroad, tickets,	. 1 52
Chase, O. R., carriage hire,	, . . 5 00
Hall, B. B., " "	. . . 3 00
Fields, H. G., stationery and car fares,	5 70
Freeman, L. T., teaming,	. . . 2 00
Martell & Co., A. E., letter books,	. 5 50
Massachusetts Hospital for Dipsomaniacs,	89 00
Melrose Hospital,	. . . 14 00
McCullough, J. J., chairs,	. . . 10 50
Pierce & Son, A. B., undertaker services,	52 00
Walton & Son, Oliver, " "	20 00
	\$259 72

Recapitulation.

Board and clothing,	. . . \$773 18
Fuel,	. . . 474 00

Amount carried forward, . . . \$8,986 86

<i>Amount brought forward,</i>		\$8,986 86
Groceries and provisions,	\$1,285 16	
Medical attendance, medicines, etc.,	502 44	
Outside relief,	749 39	
Rents,	1,492 80	
Support of insane,	2,661 03	
Miscellaneous,	259 72	\$8,197 72
Balance,		789 14
There is due from other cities and towns for aid rendered to Dec. 31, 1895,		627 36

PUBLIC LIBRARY.

Received from country treasurer,		
dog tax for 1894,	\$1,052 24	
Appropriation,	3,500 00	
		\$4,552 24

EXPENDED.

Allstine, A. K., binding books, . . .	\$153 82
Baker Moulding Co., F. P., frame, . . .	4 75
Balch Bros., book,	10 00
Brock Bros., stock and labor, . . .	2 50
Bugbee & Barrett, pan and brush, . .	1 70
Clarke & Co., W. B., books,	43 12
DeWolfe, Fiske & Co., books, . . .	640 88
Dowe, W. D., books,	1 50
Dunton & Potter, printing reports, etc.,	19 50
Eastman's Express, expressage, . . .	37 45
Fogg, G. E., janitor,	32 00
<i>Amount carried forward,</i>	

<i>Amount brought forward,</i>		\$4,552 24
Fox, John W., janitor,	\$25 00	
Fuller, Geo. E.,	50 00	
Fuller, E. P., labor,	1 00	
Funk & Wagnalls Co., book,	5 00	
Gibbons, Rosa, salary,	125 00	
Goldthwaite & Co., Joel, linoleum,	251 00	
Goss, F. M., books,	11 50	
Guild & Co., W. H., books,	290 38	
Hewes-Mayo Co., lettering windows,	21 00	
Home Market Club, bulletin,	1 00	
Ireland, Thomas, repairing clock,	2 00	
King, G. F., & Merrill, sundries,	7 93	
Larrabee, John S., janitor,	16 67	
Leighton, R. B., insurance,	6 26	
Libby, C. L., care of books,	45 00	
Library bureau, binders,	2 43	
Malden & Melrose Gas Co., gas,	136 80	
“ “ “ “ M. L. lights,	24 75	
Macmillan & Co., books,	5 01	
Massachusetts Historical Society, books,	3 00	
Melrose Journal, library slips,	30 00	
Moore & Co., labor removing books from old to new rooms,	36 00	
Morss, William, stock and labor,	240 00	
National Binder Co., binders,	8 25	
Nichols Co., The C. A., books,	30 00	
Nickerson, L., awnings,	29 50	
Paige, John C., insurance,	4 57	
Patch, C. A., treasurer, on account cata- logue,	150 00	
Patch, C. A., treasurer, printing and ex- pense,	54 63	
<i>Amount carried forward,</i>		\$4,552 24

<i>Amount brought forward,</i>		\$4,552 24
Perry, H. J., hardware,	\$15 58	
Publishers Weekly, index,	3 50	
Rowell, M. F., book,	3 75	
Rand, McNally & Co., atlas,	20 50	
Sargent, & Son, G. B., repairing stamp,	3 75	
Scribners' Sons., Chas., book,	1 00	
Torry, Mrs. H. A., book,	6 00	
Vaughn, W., card pockets,	5 25	
Webster, Cook & Co., furniture,	235 75	
Westgate & Johnson, insurance,	8 35	
Wilder, & Co., L. B., sundry printing,	63 72	
Worthen, Miss C. M., salary and expenses,	568 00	
Young Men's Christian Association,		
rent,	1,040 90	\$4,536 95
Balance,		\$15 29

SALARIES OF TOWN OFFICERS.

Balance,	\$174 18	
Appropriation,	4,975 00	
		\$5,149 18

EXPENDED.

Leonard, Henry A., assessor, 1895,	\$250 00
Pratt, Dexter, assessor, 1895,	250 00
Stantial, Geo. C., assessor, 1895,	250 00
Stantial, Geo. C., clerical services, 1895,	350 00
Gould, Edwin C., auditor, 1895,	300 00
Sanborn, John E., M. D., board of health,	
1895,	50 00

Amount carried forward, \$5,149 18

<i>Amount brought forward,</i>					\$5,149 18
Spaulding, J. W., board of health, 1895,	\$37	50			
Washburn, F. L., board of health, 1895,	12	50			
Warren, E. L., M. D., board of health,					
1895,		50	00		
Bordman, E. K., town clerk, 1895,		400	00		
Lane, Addison, collector, 1893,		64	95		
Lane, Addison, collector, 1894,		440	14		
Lane, Addison, collector, 1895,		537	69		
Locke, Calvin, forest fire ward, 1895,		15	00		
Marshall, James, forest fire ward, 1895,		15	00		
Pratt, Dexter, forest fire ward, 1895,		15	00		
Worthen, C. C., forest fire ward, 1895,		15	00		
Pratt, Dexter, inspector of buildings,					
1895,		100	00		
Fields, Henry G., overseer of poor, 1895,		200	00		
Bale, Mrs. M. D., overseer of poor, 1895,		50	00		
Ripley, T. W., overseer of poor, 1894-95,		100	00		
Buttrick, Sidney H., selectman, 1895,		200	00		
Cook, Chas. W., " 1895,		100	00		
Deering, J. P., " "		100	00		
Moore, Eugene H., " "		100	00		
Norton, Daniel, " "		100	00		
Newhall, Geo., treasurer, 1895,		500	00		
Babb, Walter, registrar of voters, 1895,		50	00		
Bordman, E. K., " " " "		100	00		
Hocking, Alfred, " " " "		50	00		
Kirmes, Victor C., " " " "		50	00	\$4,852 78	
Balance,					\$296 40

SUPPORT OF SCHOOLS.

Balance, 1894,	.	.	.	.	.	\$86 28
Appropriations,	.	.	.	.	49,000 00	\$49,086 28

RECEIPTS.

Stoneham, town of, for tuition,	.	.	\$16 67
Wakefield, " "	.	.	182 50
Cash, insurance on Center school,	.	449 41	648 58
			\$49,734 86

EXPENDED.

Teachers' Salaries.

Whitman, Alonzo G.,	.	.	.	\$2,000 00
Small, Fritz H.,	.	.	.	1,000 00
Fairbanks, Harriet C.,	.	.	.	1,000 00
Armstrong, Minnie H.,	.	.	.	10 00
Atwood, Isabelle L.,	.	.	.	550 00
Ballou, A. A.,	.	.	.	800 00
Barrett, Helen J.,	.	.	.	600 00
Barrows, M. D.,	.	.	.	820 00
Bisbee, Lucy W.,	.	.	.	600 00
Bishop, Clara,	.	.	.	510 00
Bunker, J. A.,	.	.	.	40 00
Burke, Ethel A.,	.	.	.	120 00
Call, Etta J.,	.	.	.	550 00
Carter, Willis S.,	.	.	.	660 00
Chadbourne, Annie B.,	.	.	.	550 00
Chapin, Isabel,	.	.	.	330 00

Amount carried forward, . . . \$49,734 86

<i>Amount brought forward,</i>	.	.	\$49,734 86
Clark, Mary R.,	.	.	\$512 50
Coffin, Alice J.,	.	.	200 00
Coggeshall, M. I.,	.	.	570 00
Coyle, Cecilia,	.	.	510 00
Crane, Eva R.,	.	.	550 00
Crosby, Della H.,	.	.	550 00
Davis, Esther M.,	.	.	330 00
Davis, Lillie J.,	.	.	550 00
Dempsey, Nellie C.,	.	.	535 00
Dermot, Lucy F.,	.	.	550 00
Dowe, Harriet H.,	.	.	460 00
Drake, Grant,	.	.	800 00
Ellis, Florence M.,	.	.	550 00
Field, Hattie D.,	.	.	510 00
Flagg, Mary E.,	.	.	190 00
Frost, Louise,	.	.	550 00
George, Mary J.,	.	.	650 00
Guptill, Alma J.,	.	.	550 00
Hollis, Caroline L.,	.	.	172 50
Hooper, Harriet,	.	.	29 25
Knowles, Ruth,	.	.	460 00
Landon, Kate H.,	.	.	307 00
Lawrence, Bertha M.,	.	.	367 37
Long, Alice H.,	.	.	350 00
Long, Annie P.,	.	.	410 00
May, Helen F.,	.	.	40 00
McCormick, A. Louise,	.	.	550 00
Melcher, Susan D.,	.	.	550 00
Mendum, Lydia,	.	.	700 00
Merrill, Arline,	.	.	410 00
Mitchell, Belle,	.	.	330 00
<i>Amount carried forward,</i>	.	.	\$49,734 86

<i>Amount brought forward,</i>		\$49,734 86
Mowry, Clara B.,	\$600 00	
Nye, Mary E.,	550 00	
Rhodes, Grace,	278 00	
Ricker, Hattie G.,	650 00	
Sheppard, Clara E.,	337 50	
Shute, Lucy E.,	231 25	
Smith, Annie G.,	650 00	
Snow, Minnie F. C.,	485 00	
Stewart, Gertrude B.,	410 00	
Swett, Alice M.,	800 00	
Sweetser, Effie C.,	700 00	
Trowbridge, Amelia F.,	535 00	
Tucker Annie E.,	517 50	
Tupper, Mary E.,	485 00	
Weeks, Emma A.,	550 00	
Young, Janet,	550 00	
Young, Mary,	81 25	
		\$32,544 12

School Superintendent.

Robinson, B. F.,	\$2,000 00
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Janitors' Salaries.

Bemis, Frank,	\$387 45
Boutwell, Geo. W.,	583 32
Fahey, James,	179 60
Fuller, Chas. H.,	158 35
Hitchins, John,	151 69
Molyneux, Edward H.,	60 00
Ray, Thomas,	100 08
Thyng, John H.,	266 68
Upham, Eri,	200 04
Weeks, Isaac C.,	999 96
	\$3,087 17

Amount brought forward, . . . \$49,734 86

Fuel and Gas.

Benson & Co., S. E., coal and wood,	. \$917 30
Davis, C. S., wood,	. 10 25
Goss, C. B. & F. H., coal and wood,	. 1,033 13
Tredick, C. Morris, " " "	. 1,339 55
	\$3,300 23

Furniture, Desks, Etc.

Allen, Charles W., desks and chairs,	. \$30 22
Bailey & Sons Co., J. W., moulding,	. 2 64
Bradley & Hubbard Mfg. Co., sundries,	8 20
Chandler Adjustable Chair & Desk Co., desks and chairs,	. 82 30
Clark & Smith, ash,	. 10 91
Freeman, Chas. I., doors,	. 22 50
Hall & Co., G. W., desks,	. 25 50
Harrington, Geo. S., leather,	. 1 35
Hockaday, Wm. H., blackboards,	. 5 00
Josselyn, Rob, chair tips,	. 2 40
Love, Thomas, labor on cases,	. 20 00
McCullough, J. J., chairs,	. 2 55
McFarlane, Phillip & Co., desk,	. 1 13
Melrose Public Library, table,	. 10 00
New England Ladder Co., ladder,	. 4 00
Parker, A. W., stock and labor,	. 8 65
Perry & Co., Geo. S., desks, etc.,	. 423 00
Pratt Sons, Daniel, clocks,	. 13 50
Pray, Sons & Co., J. H., linoleum,	. 100 00
Richardson, William, blackboard,	. 60 00
Warren & Co., M. C., hardware,	. 8 12
Wilkinson & Co., A. J., letter box,	. 1 00
	\$842 97

Amount carried forward, . . . \$49,734 86

Amount brought forward, . . . \$49,734 86

MISCELLANEOUS.

American Express Co., expressing, . . .	\$21 65
Ames Plow Co., truck,	5 60
Blake Bell Co., bronze letter for Liver- more School,	71 75
Boardman & Co., W. W., carriage hire, . . .	3 00
Boyden, Arthur C., for lessons in nat- ural study, etc.,	50 00
Burlen, Robert, rebinding,	8 45
Cahill, E. P., plastering,	20 25
Chambers' Express, teaming furniture, . . .	3 90
Chase, O. R., use of team,	4 00
Clough, Geo. A., architect, service Liv- ermore School,	20 00
Connery & Wentworth, setting tablet, Livermore School,	140 76
Dow, Harry, labor,	25 50
Eastman's Express, expressing,	44 82
Emergency Hand Fire Extinguishing Co., extinguishers,	48 60
Fahey, James, labor,	44 40
Frost & Hawes, oil, etc.,	50
Freeman, L. T., moving furniture,	3 00
Fuller, Geo. E., building stage, Town Hall, and services,	27 00
Globe Stamp Works, stamp,	1 00
Hall, B. B., horse and wagon,	7 00
Heath, A. H., rent of house,	112 50
Hitchins, John, labor,	2 64
Hurd & Co., ribbons,	10 00

Amount carried forward, . . . \$49,734 86

<i>Amount brought forward,</i>		\$49,734 86
Johns Mfg. Co., H. W., pipe covering,	\$67 00	
Keating, W. E., removing ashes,	12 55	
Malden & Melrose Gas Co., gas,	30 72	
Marshall & Co., A. E., letter book,	2 25	
McCoubry, Thos., stock and labor,	\$1 85	
Meany & Co., E. F., freestone tablet,		
Livermore school,	125 00	
Melrose, Town of, sidewalk department	15 93	
Norton, Daniel, halliard lines,	8 40	
Nye, E. B., tuning piano,	6 00	
Pratt, F. A., moving desks,	1 25	
Robinson, B. F., postage and inciden-		
tals,	106 30	
Sanborn Bros., expressage,	1 60	
Smith, Bros., sharpening mower,	1 50	
Sprunt, Clifford, orchestral work,	3 00	
Stone, H. W., making diplomas,	16 85	
Sunman, Chas. W., stock and labor,	11 00	
Trask & Co., H. D., furnaces,	150 00	
		\$1,237 52

Printing.

Babb & Stephens, programmes,	\$13 00	
Dunton & Potter, sundry printing,	24 50	
Melrose Journal, " " "	12 25	
		\$49 75

Repairs.

Albany Venetian Blind Co., cord, etc.,	\$4 65	
Bailey & Sons, Co., J. W., moulding,	1 13	

Amount carried forward, \$49,734 86

<i>Amount brought forward,</i>	\$49,734 86
Baker, Moulding Co., F. P., moulding,	\$1 68
Barstow, Stove Co., sundries,	9 95
Braman, Dow & Co., pipe, valves, etc.,	5 21
Brock Bros., stock and labor,	74 84
Burnham, G. E., stock and labor,	2 50
Burnett & Co., A. J., stock and labor,	464 43
Clark & Smith, lumber,	3 50
Curry, R. H., stock and labor,	13 38
Deering & Co., J. P., lumber,	285 28
Emery & Co., W., doors,	18 90
Fahey, James, labor,	134 40
Flatley, J. C., repairing flag,	1 50
Fogg, Geo. E., labor,	17 50
Franklin, A. B., pipe, fittings, etc.,	79 91
Gibbons, R., stock and labor,	5 64
Grundy, E. L., services,	5 00
Harrington, Geo. S., upholstery goods,	5 77
Hines, A. H., stock and labor,	40 15
Hoffman, C. L., cleaning cesspools, concreting and gravel,	43 15
Holbrook, J. L., coupling and labor,	2 00
Holland & Daniels, cord,	1 50
Holt, J. H., labor,	13 00
Hutchins, Wm. E., labor,	2 00
Kaulback-Miller Co., hardware,	2 15
Lane Bros., stock and labor,	49 23
Lear, Samuel, labor,	2 75
Love, Thos., labor,	83 93
Magee Furnace Co., grate and brick,	5 50
McCoubry, Thos., stock and labor,	4 30
MacDonald, A., " " "	17 63

Amount carried forward, \$49,734 86

<i>Amount brought forward,</i>		\$49,734 86
McKeil, Wm., labor,	\$25 50	
Mellen, Wm. E.,	22 50	
Melrose, Town of, Water Dept., labor,	2 07	
Millen & Co., Chas. A., lumber,	1 00	
Norris, T., concreting and gravel,	162 68	
Parker, A. W., painting, as per contract,	222 00	
Patterson, J. H., labor,	19 60	
Perry, H. J., hardware,	163 17	
Pratt, Dexter, erecting flag pole on Warren Street School,	5 50	
Reed & Son, G. P., cleaning clock,	6 75	
Richardson, Wm., slating black boards,	138 81	
Sampson, G. F., whitewashing,	12 00	
Scribner, S. M., hardware,	24 40	
Stevens, W. C., surveying,	2 00	
Stewart, William H., weather strips,	10 71	
Trask & Co., H. D., grate,	7 50	
Tucker, E. E., repairing chairs,	3 00	
Tyzzar, F. H., striping blackboards,	1 00	
Underhill Co., Geo. H., heater handle,	35	
Valler, S., labor,	5 00	
Wadsworth, Howland, paints, etc.,	14 60	
Warren & Co., M. C., hardware,	1 30	
Weeks, I. C., labor,	10 20	
Wheeler & Co., I. V., ensigns,	26 78	
Yale & Towne Manufacturing Co., keys,	75	
		\$2,291 63

Supplies, Books, Stationery, etc.

Allyn & Bacon, class registers,	\$4 50
American Book Co., books,	231 53

Amount carried forward, \$49,734 86

<i>Amount brought forward,</i>		\$49,734 86
Babb & Co., E. E., books,	\$665 67	
Batchelder, Alden, birch,	2 00	
Boston School Supply Co., books,	2 80	
Brock Bros., hose couplings, etc.,	11 45	
Buck & Co., G. H., books,	3 34	
Bugbee & Barrett, sundries,	4 30	
Carter, Rice & Co., paper,	5 88	
Castor & Co., T. H., books,	17 49	
Chandler & Farquhar, emery,	1 00	
Cutler Bros. & Co., chemicals,	28 72	
Daniels & Son, J. H., diplomas,	36 00	
Dodd, Mead & Co., book,	4 00	
Drake, Grant, music,	8 98	
Educational Publishing Co., books,	21 67	
Eldredge & Bros., model register,	2 71	
Franklin Educational Co., chemicals,	63 41	
Frost & Adams, sundries,	16 38	
Frost & Hawes, oil, etc.,	6 55	
Ginn & Co., books,	792 86	
Globe Stamp Works, type, etc.,	11 00	
Hall & Son, Thomas, barometer,	12 00	
Hammett, J. L., sundries,	80 93	
Harrington, G. S., cloth,	4 00	
Heath & Co., D. C., books,	40 79	
Hinds & Co., A., " " "	4 10	
Houghton, Mifflin & Co., books,	89 06	
Howes, H. C., books,	17 00	
Jordan & Christie, brooms and dusters,	67 70	
King, G. F., & Merrill, sundries,	299 64	
Knott Apparatus Co., L. E., sundries,	46 65	
Leach, Shewell & Sanborn, books,	139 63	
<i>Amount carried forward,</i>		\$49,734 86

<i>Amount brought forward,</i>	.	.	\$49,734 86
Lee & Shepard, books,	.	.	\$1 88
Libbey, Geo. W., maps,	.	.	14 40
Little, Brown & Co., books,	.	.	7 10
Maynard, Merrill & Co., books,	.	.	7 20
Maynard & Noyes, ink,	.	.	28 00
McLean, Geo. G., pencils,	.	.	6 04
Morse Bros., boxes,	.	.	6 00
Munyan, Mrs. C. G., chart,	.	.	8 00
Nichols Co., The C. A., books,	.	.	12 00
Normal Publishing Co., "	.	.	4 00
Page Bros. & Co., oil heaters,	.	.	22 50
Perry & Co., Geo. S., sundries,	.	.	56 95
Perry, Mason & Co., books,	.	.	14 00
Prang Educational Co., sundries,	.	.	16 76
Pulsifer, Jordan & Co., paper,	.	.	568 84
Silver, Burdett & Co., books,	.	.	78 40
Thompson, Brown & Co., books,	.	.	22 67
Thorp & Martin Co., sundries,	.	.	16 65
University Publishing Co., books,	.	.	62 15
Ware, & Co., Wm., books,	.	.	6 00
Warner Co., The, books,	.	.	18 24
Whitman, A. G., glass cutter,	.	.	1 00
Wilkinson, & Co., A. J., sundries,	.	.	3 03
			\$3,725 55

Tuition.

Malden, City of,	.	.	\$603 7
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RECAPITULATION.

Teachers' salaries,	.	.	\$32,544 12
Superintendent's salary,	.	.	2,000 00
<i>Amount carried forward,</i>	.	.	\$49,734 86

<i>Amount brought forward,</i>			\$49,734 86
Janitors' salaries,	.	.	\$3,087 17
Fuel,	.	.	3,300 23
Furniture, desks, etc.,	.	.	842 97
Miscellaneous,	.	.	1,237 52
Printing,	.	.	49 75
Repairs,	.	.	2,291 63
Supplies, books, etc.,	.	.	3,725 55
Tuition,	.	.	603 75
Balance,	.	.	\$52 17

, SEWER FUND.

Cr.

Balance, 1894,	.	.		\$8,523 22
Cash received for 85 sewer bonds sold,			\$85,000 00	
"	premiums,	.	5,342 50	
"	accrued interest,	.	623 33	
"	highway dept. engin-			
	eers' services,	.	125 00	
"	highway department,			
	sundries,	.	52 99	
"	water dept. for pipe,	.	41 67	
"	G. F. Allen "	.	4 14	
"	A. J. Burnett "	.	1 34	
"	Perrin, Seamans & Co.,			
	labor,	.	28 13	
"	S. E. Benson & Co.,			
	cement and pipe,	.	102 00	
"	house connections,	.	5,349 79	96,670 89
<i>Amount carried forward,</i>	.			\$105,194 11

Amount brought forward, . . . \$105,194 11

Dr.

Interest, coupons on sewer bonds,	. \$5,000 00	
Bills on account of construction,	95,480 84	100,480 84
Balance to credit of fund,		\$4,713 27

SIDEWALKS.

Balance, 1894,		\$117 66
Appropriation,		3,000 00
		\$3,117 66
Cash received for concrete laid in 1889,	\$9 84	
“ “ “ 1891,	8 00	
“ “ “ 1892,	87 48	
“ “ “ 1893,	49 68	
“ “ “ 1894,	231 89	
“ “ “ 1895,	1,125 65	\$1,512 54
		\$4,630 20

EXPENDED.

Deering, & Co., J. P., lumber,		\$31 38
Ellison, C. W., P. M., postage stamps,		5 00
Gould, Edwin C., clerical services under direction of selectmen,		15 00
Hoffman, C. L., 2919.88 yds. at 50 cents,	1,461 02	
Hoffman, C. L., 585.1 yds. repairing at 50 cents,		292 80
Hoffman, C. L., 762.1 yds. top dressing at 25 cents,		190 52
<i>Amount carried forward,</i>		\$4,630 20

<i>Amount brought forward,</i>		\$4,630 20
Hoffman, C. L., removing rocks,	\$50 50	
Hoffman, C. L., building fence,	4 00	
Hoffman, C. L., rebuilding wall,	43 00	
Lancaster, J. J., laying 209 sq. yds. brick walk at 16c. per yard,	33 44	
Leonard, H. A., 86 yds. brick walk at 50c. per yard,	43 00	
Lynde, A. W., labor setting edgestones,	187 75	
Lynde, A. W., grading walk and filling Wyoming avenue,	90 00	
Melrose Journal, printing blanks,	7 25	
Newhall, T. R., edgestones,	39 05	
Norris, T., 1942.82 yds. at 50c.,	977 37	
Norris, T., 672.6 yds. repairing at 50c.,	336 30	
Norris, T., 581.8 yds. top dressing at 25 cents,	145 43	
Norris, T., setting edgestones and mov- ing trees,	12 00	
Philpot, R., 334.4 yds. at 50c., laid in 1894,	167 20	
Scott, John, laying brick walk, Wyom- ing avenue, and brick,	46 37	
Stevens, W. C., surveying,	225 00	
Upham, F. R., allowance for damages changes of grade Main and Emer- son street,	50 00	
Woodward, D. R., building fence Wy- oming avenue,	19 25	\$4,472 63
Balance,		\$157 57

Amount of approved bills unpaid, \$1,009 56.

New walks laid, one-half to be paid by		
abutters, 5,035.76,		\$1,258 87
New walks laid by town, 383.82, . . .		197 87
Repairing, 1,258.2 yds. paid by town,		629 10
Top-dressing, 1,343.9 yds. " " "		335 95
Amounts due from abutters, 1889, .	\$25 95	
" " " " 1890, .	11 39	
" " " " 1892, .	32 10	
" " " " 1893, .	104 76	
" " " " 1894, .	144 61	
" " " " 1895, .	116 57	
		\$435 38

BURIAL OF INDIGENT SOLDIERS AND SAILORS.

Refunded by the Commonwealth.

Pierce & Son, A. B., undertaker's ser-	
vices,	\$35 00

SOLDIERS' LOT.

Balance, 1894,	\$133 73
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EXPENDED.

Cemetery Department. labor on lots, .	\$15 73
Balance,	\$118 00

SOLDIERS' RELIEF.

Appropriation,	\$1,000 00
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EXPENDED.

Benson & Co., S. E., coal and wood,	\$20 50
Beverly, city of, rent and groceries,	218 52
Burnham, Mrs. E. D., cash allowance,	88 00
Bugbee & Barrett, groceries,	36 50
Clark, J. S., M. D., professional services,	1 00
Claussen, Mrs. C., cash allowance,	108 00
Coy, A. M., groceries,	13 88
Eldridge, S. O., groceries,	11 00
Frost & Hawes, " "	65 00
Fuller, G. E., rent,	14 00
Gates, A. E., groceries,	3 00
Goss, C. B. & F. H., coal and wood,	78 75
Grant, U. S., Post 4, aid furnished,	30 00
Haley, Geo. P., coal,	6 25
Harris, F. W., groceries,	4 00
Hocking, A., " "	137 04
Holbrook & Norton, groceries,	208 00
Howard, Mrs. Mary, cash allowance,	8 00
Huston, Edward, " "	3 00
Lander, Gen'l, Post 5, aid furnished,	208 00
Marshall, James, coal and wood,	16 00
Newhall & Co., Geo., boots and shoes,	8 00
Osborne, Henry, groceries,	18 00
Russell, Wm., cash allowance,	20 00
Tucker, F. J., cash allowance,	82 00
York, Mrs. Nancy M., cash allowance,	160 00

\$1,566 44

Expenditures exceed appropriation,	\$566 44
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STATE AID.

Paid disabled soldiers and dependent relatives during year of 1895.

Refunded by the Commonwealth, Dec., 1896.

Arnold, Rebecca E.,	\$48 00
Arnold, Thomas F.,	48 00
Babcock, Geo. W.,	72 00
Bailey, Mrs. Maria A.,	32 00
Bailey, Thomas T.,	32 00
Barrett, Sarah,	48 00
Burbank, Abigail F.,	48 00
Burbank, Sophia G.,	48 00
Burbank, Willard W.,	12 00
Burnham, Elizabeth D.,	48 00
Chandler, Abby A.,	48 00
Chapman, Phebe H. K.,	48 00
Coulter, Olive L.,	14 00
Critchett, Chas. E.,	48 00
Doherty, Daniel,	60 00
Double, Elizabeth A.,	48 00
Drake, Alvin,	48 00
Earle, Olive F.,	16 00
Emerson, James G.,	48 00
Everson, Sarah J.,	48 00
Foster, Elmira A.,	48 00
French, Rebecca H.,	48 00
Gamble, Ellen,	48 00
Grover, Geo. W.,	48 00
Hare, Andrew,	48 00
Heaton, Anastasia,	28 00

Hood, Wendell P.,	.	.	.	.	\$72 00
Howes, Mary J. J.,	.	.	.	.	24 00
Hubbard, George F.,	.	.	.	.	72 00
Irwin, Wm. F.,	.	.	.	.	72 00
Johnson, Jerome B.,	.	.	.	.	12 00
Lovett, Jane,	.	.	.	.	24 00
Mitchell, Moses P.,	,	.	.	.	48 00
McKenzie, Louisa R.,	.	.	.	.	20 00
McLaughlin, Mary,	.	.	.	.	48 00
Norris, Mary J.,	.	.	.	.	24 00
Perkins, Calvin,	.	.	.	.	6 00
Poole, Helen E.,	.	.	.	.	48 00
Richardson, Wm. H.,	.	.	.	.	48 00
Rowell, Hannah,	.	.	.	.	48 00
Rowell, Stephen P.,	.	.	.	.	70 00
Spear, Ephriam W.,	.	.	.	.	36 00
Storey, Hannah,	.	.	.	.	48 00
Swett, Cyrus E.,	.	.	.	.	48 00
Terry, Mary,	.	.	.	.	48 00
Tucker, Helen E.,	.	.	.	.	48 00
Walden, David,	.	.	.	.	8 00
Warren, Ephriam L.,	.	.	.	.	60 00
Weeks, Luzon,	.	.	.	.	36 00
Woodard, Freeman,	.	.	.	.	44 00
Woodward, Jane E.,	.	.	.	.	48 00
York, Benj. F.,	.	.	.	.	48 00
York, Nancy M.,	.	.	.	.	48 00

\$2,286 00

STEAM ROAD ROLLER.

Appropriation,	\$3,700 00
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EXPENDED.

Kelly Co., The O. S., 36,000 lb. Road	
Roller,	\$3,000 00
Transferred to Highway Dept. as per	
vote of town, ,	700 00
	\$3,700 00

STREET LIGHTS.

Balance, 1894,	60
Appropriation,	8,500 00
	\$8,500 60

EXPENDED.

Malden Electric Co.,	8,434 79
Balance,	\$65 81

STREET SIGNS.

Balance, 1894,	\$6 99
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EXPENDED.

Deering & Co., J. P., posts,	\$5 40
Balance,	\$1 59

TREET SPRINKLING.

EXPENDED.

Allen, G. F., 302 hours sprinkling,	\$151 00
Bigelow Liberty, H. & L. Co., 431 hours sprinkling,	215 50
O'Leary, Thos., 90 hours sprinkling,	45 00
Melrose, Town of, water dept., stock and labor, stand pipes,	91 26
Potter, J. L. & H. K., 3 Studebaker sprinklers,	1,241 00
	\$1,749 76

Cr.

Cash received from Lynn & Boston street railroad,	250 00
	\$1,499 76

Treasurer authorized to borrow \$1500.

COUNTY, STATE AND SEWER TAXES.

Treasurer, county tax, 1895,	\$9,307 02
" state " " . . .	5,895 00
" Metropolitan sewer loan sink- ing fund,	843 88
" interest on Metropolitan sew- er loan,	3,882 00
" cost of maintenance of Met- ropolitan sewers,	855 60
	\$20,783 50

REFUNDED TAXES.

EXPENDED AS PER VOTE OF TOWN.

Farnsworth, Susie A.,	\$16 47
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TOWN HALL.

Appropriation,	\$1,000 00	
Less amount overdrawn, 1894,	16 96	
		\$983 04

Cash received for use of hall, as follows :

Cash for plans of hall,	\$3 20
Bordman, Mrs. G. N.,	18 00
Dowling, Miss Millie,	20 00
Euterpe Concert Co.,	15 00
French, Col. stereopticon views,	20 00
Golden Slipper Concert Co.,	30 00
Knights of Columbus,	30 00
Lewis, Rev. J. J.,	15 00
Melrose Amphion Club,	40 00
“ Athletic “	15 00
“ Co-operative Bank,	12 00
“ Democratic Town Committee,	17 00
“ Evangelical Committee,	208 00
“ Fire Dept.,	15 00
“ Good Citizenship Committee,	10 00
“ High School,	30 00
“ Hospital Guild,	30 00
“ Teachers' Guild,	8 35
“ W. C. T. Union,	8 00
Patterson, Mrs.,	10 00

<i>Amount carried forward,</i>	\$983 04
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<i>Amount brought forward,</i>		\$983 04
Pratt, Mrs. W. L.,	15 00	
Steele, O. E.,	10 00	
St. Mary's Lyceum,	30 00	
" " Society,	80 00	
Sons of Veterans,	45 00	
Uncle Tom's Cabin Co.,	30 00	
Unitarian Society,	40 00	
Universalist Society,	30 00	
Y. M. C. Association,	40 00	
		\$874 55
		\$1,857 59

EXPENDED.

Fuel and Lights.

Benson & Co., S. E., coal,	\$137 50
Goss, C. B. & F. H., "	50 00
Malden Electric Co.,	36 00
Malden & Melrose Gas Co.,	671 52
	\$895 02

Miscellaneous.

Brock Bros., stock and labor,	\$53 54
Bugbee & Barrett, sundries,	2 44
Eastman's Express, moving piano and expressage,	8 05
Edwards, J., labor,	3 50
Emergency Hand Fire Extinguisher Co., extinguishers,	13 00
Frost & Hawes, rent of rooms for asses- sors,	66 66

Amount carried forward, . . . \$1,857 59

<i>Amount brought forward,</i>		\$1,857 59
Fuller, Geo. E., janitor,	\$402 50	
Goodno, W. A., stock and labor,	71 15	
Geist, Justus, filling vase,	10 00	
Hartford Steam Boiler Inspection and Insurance Co., insurance on boiler,	50 00	
Jordan & Christie, brushes,	12 50	
Kaulback-Miller Co., sundries,	1 85	
Kehoe, Thomas, repairing chairs, etc.,	12 00	
Larrabee & Stearns, sundries,	2 00	
Lynde, A. W., labor on cesspool,	3 50	
McCullough, J. J., shades and fixtures,	12 00	
Melrose Lyceum, cash refunded for one entertainment not given, 1894,	20 00	
Melrose National Bank, glass front and railing, town clerk's office,	20 00	
Norton, D., flag,	15 00	
O'Donald, J., repairs on boiler,	2 00	
Parker, A. W., stock and labor,	40 45	
Perry, H. J., hardware,	11 05	
Philpot, R., cleaning cesspool,	10 00	
Scott, John, cleaning boiler flue,	3 00	
Scribner, S. M., hardware,	1 47	
Smith Bros., sharpening mower,	1 50	
Stewart, W. H., weather strips,	4 69	
Taylor, C. B., cleaning rooms,	2 00	
		\$855 85

Amount carried forward, . . . \$1,857 59

EXPENSES OF THE TOWN.

129

Amount brought forward, . . . \$1,857 59

Repairs.

Bowers, Michael, labor, . . .	\$14 00
Burnett & Co., A. J., stock and labor, .	284 16
Cahill, E. P., repairing ceiling, etc., .	15 75
Deering & Co., J. P., lumber, . . .	38 43
Goodno, W. A., stock and labor, . . .	32 75
Hines, Alfred H., stock and labor, . . .	38 95
Melrose, Town of, sewer dept., stock and labor, connecting Town Hall with main sewer,	87 79
Parker, A. W., tinting ceilings, etc., .	92 80
Scribner, S. M., hardware,	1 36
	\$605 99

Recapitulation.

Fuel and lights,	\$895 02
Miscellaneous,	855 85
Repairs,	605 99
	\$2,356 86

Expenditures exceed appropriation and
receipts, \$499 27

Treasurer authorized to borrow, \$500 00

TOWN USE OF WATER FOR PUBLIC PURPOSES.

Appropriation, \$3,000 00

EXPENDED.

Melrose, Town of, water dept. bill, 3,000 00

WATER FUND.

Received from E. H. Goss and Levi S.

Gould, water registrars, for water

rates collected, 1895, . . . \$40,876 51

Received for 10 water bonds sold, 10,000 00

" premiums and interest, 725 11

Transferred balance from Spot Pond

appropriation, 151 24

\$51,752 86

Less amount overdrawn, 1894, . 4,209 31 \$47,543 55

Dr.

Water loan sinking fund commissioners'

surplus of 1894, \$427 26

Interest coupons on water bonds, 10,100 00

Bills on account of construction and

maintenance, etc., . . . 34,345 13 \$44,872 39

Balance to credit of fund, . . . \$2,671 16

WYOMING CEMETERY.

RECEIPTS.

Sale of lots, \$2,324 00

Sale of single graves, 96 00

Care of lots, 962 73

Labor, 61 75

Interments, 447 50

Foundations and vaults, . . . 185 41

Dressing, 6 00

Stone sold, 25 00

Wood sold, 25 00

Rent of Pratt farm, 257 50

Interest on trust funds, . . . 143 26

Amount carried forward, . . . \$4,534 15

Amount brought forward, . . . \$4,534 15

EXPENDED.

Brock Bros., sundries,	\$2 85
Bugbee & Barrett, grass seed, etc., . . .	7 80
Burnett & Co., A. J., stock and labor,	
Pratt house,	12 51
Carlisle, E. A., Pope & Co., doors, etc.,	
Pratt house,	19 81
Cassell, Thos., manure,	5 00
Casey, Cornelius, flowers,	27 25
Cunningham Co., J. H., service boxes, . .	12 35
Deering & Co., J. P., lumber, Pratt house,	147 52
Dunton & Potter, printing,	3 75
Eastman's Express, expressage, Pratt	
house,	6 55
Ellison, C. W., P. M., stamps,	10 00
Goodno, W. A., labor, Pratt house, . . .	87 50
Goss, C. B. & F. H., cement and pipe,	
Pratt house,	8 53
Goss, C. B. & F. H., cement,	9 70
King, G. F. & Merrill, books,	50
Larrabee & Stearns, chloride of lime, . .	60
Lead Lined Iron Pipe Co., pipe for wa-	
ter system through the cemetery, . . .	554 31
Lynde, A. W., removing granite from	
old cemetery to Wyoming and set-	
ting up,	118 99
Marshall, James, manure,	25 00
Marshall, Thomas, manure,	6 00
McCoubry, Thos., stock and labor, . . .	23 85

Amount carried forward, \$4,534 15

<i>Amount brought forward,</i>			\$4,534 15
Melrose Journal, printing,		\$3 50	
Perry, H. J., powder, etc.,		11 45	
Scott, John, repairing chimney,			
Pratt house,		10 00	
Scrannage Bros., valves, etc.,		31 95	
Scribner, S. M., sundries,		21 35	
" " " paints, etc., Pratt house,		154 54	
Stevens, W. C., plan of county,		8 00	
Melrose, town of, highway dept., gravel,		143 50	
" " " water rates, Pratt house,		10 70	
" " " " meter rate,		2 56	
			\$1,487 92

Labor and Teams.

Marshall, Thos., supt., 5 mos.,	\$325 00	
Marshall, Thos., 98½ days		
at \$2.50,	246 25	
Men, 1163 days at \$2,	2,326 00	
Team, 88 days at \$1.75,	154 00	\$3,051 25
		\$4,539 17
Expenditures exceed receipts,		\$5 02

REPORT OF TOWN TREASURER.

Cash in treasury, January 15, 1895,	\$4,900 03
Total receipts for year,	485,292 90
	\$490,192 93
Total disbursements,	485,262 18
Cash in treasury, January 18, 1896,	\$4,930 75

CEMETERY TRUST FUNDS.

1885.	Estate Sal y Upham,	\$200 00
1886.	S. B. Cochrane,	200 00
1887.	Estate of Wm. H. Jones,	100 00
1888.	Estate of Mrs. Lynthia L. Burgess,	100 00
1888.	C. O. and Mrs. Thomas Robinson,	100 00
1889.	Mrs. Caroline Curtis,	100 00
1889.	C. E. Daniels, treasurer Winchester Home,	300 00
1889.	Estate of J. Vincent Smith, M. D.,	200 00
1889.	Estate of Peter Edgerly,	100 00
1890.	Mrs. Sarah Whowell,	50 00
1890.	William A. Fuller,	150 00
1891.	Mrs. J. P. Beckett,	100 00
1891.	Louis Earl,	100 00
1892.	Daniel Russell,	200 00
1892.	Estate of Jonathan Lynde,	100 00
1892.	Mrs. Joana Stackpole,	100 00

1892.	Estate of Eliza L. Crocker,	.	.	.	\$100 00
1892.	Hannah Scrannage,	.	.	.	50 00
1893.	Estate of George N. Noyes,	.	.	.	100 00
1893.	Estate of James H. Little,	.	.	.	150 00
1893.	Estate of George N. Noyes,	.	.	.	100 00
1893.	Estate of James H. Little,	.	.	.	150 00
1894.	Estate of Lucy M. A. Payne,	.	.	.	150 00
1894.	Estate of Charles D. Wild,	.	.	.	100 00
1894.	Estate of Mary G. Upham,	.	.	.	100 00
1894.	Elizabeth and George E. Fenn,	.	.	.	100 00
1894.	Mrs. Susan P. Whitney,	.	.	.	50 00
1894.	Mrs. Lizzie M. Liniken,	.	.	.	150 00
1895.	Orrin Brown,	.	.	.	100 00
1895.	Mrs. Mary N. Williams,	.	.	.	100 00
1895.	William A. and Walter A. Stone,	.	.	.	100 00
1895.	Norman F. Hesseltine,	.	.	.	200 00
1895.	Mrs. Elizabeth Wilson,	.	.	.	100 00
					\$3,850 00

GEORGE NEWHALL, Treasurer,

In account with the TOWN OF MELROSE.

DR.

Cash in treasury Jan. 12, 1895,	.	.	\$4,900 03
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RECEIPTS.

A. Lane, collector of taxes, 1890,	.	\$5 45	
“ “ “ 1891,	.	3 41	
“ “ “ 1892,	.	26 96	
“ “ “ 1893,	.	3,598 14	
“ “ “ 1894,	.	61,651 91	
“ “ “ 1895,	.	92,193 99	
			157,479 86
<i>Amount carried forward,</i>	.	\$162,379 89	

<i>Amount brought forward,</i>		\$162,379 89
Water rates,	\$40,876 51	
10 water bonds sold,	10,000 00	
Interest and premiums,	725 11	51,601 62
Cemetery trust funds,		600 00
Dog tax,		1,052 24
Commonwealth of Massachusetts:		
Military aid,	211 00	
State aid,	1,993 00	
Bank and Corporation tax,	6,383 91	
Burial of Soldiers,	105 00	8,692 91
85 sewer bonds sold,	85,000 00	
Premium,	5,342 50	
Interest,	623 33	90,965 83
Ira Hiland, judgment of court,	636 46	
Old road roller,	100 00	736 46
Temporary loans,	119,500 00	
Permanent loans,	30,000 00	149,500 00
From various sources on account of		
Contingent,	77 00	
Central Fire Station, premium on		
notes,	274 00	
Health department,	43 00	
Highway,	1,474 03	
Interest,	380 92	
Main street widening,	6,500 00	
Police,	697 43	
Poor,	1,692 72	
Schools,	648 58	
Sewer,	5,705 06	
Sidewalks,	1,512 54	
Street sprinkling,	250 00	
Town Hall,	874 55	
Wyoming Cemetery,	4,534 15	24,663 98
		\$490,192 93

CR.

Paid Bills per Warrants.

Burial of indigent soldiers,	\$35 00
Commonwealth of Massachusetts,	632 28
Contingent,	3,570 31
Contingent special,	2,391 44
Central fire station,	12,508 09
“ “ “ drain,	439 84
Cleveland street,	1,200 00
Fire department,	9,010 51
Health,	1,790 93
Highways,	19,611 66
Insurance,	888 84
Interest,	7,284 10
Main street widening,	1,774 61
Memorial day,	200 00
Military aid,	526 00
Metropolitan sewer, interest, sinking fund, and maintenance,	5,581 48
Numbering buildings,	48 90
Park department,	308 41
Police department,	8,691 14
Poor department,	8,197 72
Public library,	4,536 95
Salaries,	4,852 78
Schools,	49,682 69
Sewers,	100,480 84
Sidewalks,	4,472 63
Soldiers' lots,	15 73
Soldiers' relief,	1,566 44
State aid,	22 86

Steam road roller,	\$3,000 00
Street lights,	8,434 79
Street signs,	5 40
Street spinking,	1,749 76
Taxes, county,	9,307 02
" state,	5,895 00
" refunded,	16 47
Town Hall,	2,356 86
Water department,	44,445 13
" town use of	3,000 00
" loan sinking fund commission- ers, surplus of 1894,	427 26
Wyoming Cemetery,	4,539 17
Loans, permanent	17,000 00
" temporary,	132,500 00
	\$485,262 18
Cash in treasury,	\$4,930 75
	\$490,192 83

STATEMENT OF THE TOWN DEBT.

WATER BONDS.

Melrose water loan, high service issue of 1885, due Nov. 1, 1905,	\$37,000 00
Melrose water fund, series of 1887, due May 1, 1907,	50,000 00
Melrose water fund, series of 1890, renewal, due 1896-97-98-99, 1900, \$10,000 each year,	50,000 00
Melrose water bond, series of 1892, due 1912,	25,000 00
Melrose water bond, series of 1892, renewal, due 1912,	37,000 00
Melrose water bond, series of 1893, due 1913,	50,000 00
Melrose water bond, series of 1895, due 1925,	10,000 00
<i>Amount carried forward,</i>	\$259,000 00

<i>Amount brought forward,</i>	.	.	\$259,000 00
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TOWN HALL BONDS.

Melrose Town Hall, due 1912,	.	.	.	\$45,000 00
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SEWER BONDS.

Melrose sewerage loan, series of 1894,

due 1924,	.	.	.	100,000 00
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Melrose sewerage loan, series of 1895,

due 1925,	.	.	.	60,000 00	\$160,000 00
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PERMANENT LOANS.

Loans on account of Building and Re-modelling School Buildings, as per vote May 20, 1890.

Provident Inst. for Savings, due Dec.

8, 1898, @ 4 per cent.,	.	10,000 00
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Loans on account of Grove Street School Building, as per vote of Jan. 22, 1891.

Provident Inst. for Savings, due Dec.

8, 1900,	.	11,000 00
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Loans on account of Warren Street and Vinton Street School Buildings, as per vote of 1892.

C. N. Barnard & Co. @ 4 per cent.,

due Aug. 1, 1896,	.	7,000 00
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C. N. Barnard & Co. @ 4 per cent.,

due Aug. 1, 1897,	.	7,000 00
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Melrose Savings Bank, due

Aug. 26, 1899,	.	10,000 00
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Loans on account of Central Fire Station.

Coupon notes, due Aug. 1, 1901,	10,000 00
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" " " " 1, 1902,	10,000 00	65,000 00
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\$529,000 00

Amount brought forward, . . . \$529,000

TEMPORARY LOANS.

Elizabeth T. Baker, dated Aug. 2, 1893,		
@ 4 per cent.,	\$500	00
C. C. Odlin, dated Aug. 16, 1893, @ 4		
per cent.,	7,00	00
Elizabeth T. Baker, dated Aug. 26, 1893,		
@ 4 per cent.,	1,000	00
Sarah F. Brown, dated Sept. 1, 1893, @		
4 per cent.,	200	00
John S. Austin, dated Sept. 12, 1893,		
@ 4 per cent.,	2,000	00
Lizzie C. Haskell, dated July 9, 1894,		
@ 4 per cent.,	5,000	00
Water loan sinking fund, dated Jan. 1,		
1894, @ 4 per cent.,	7,221	55
Melrose Savings Bank, dated March 23,		
1895, @ 4 per cent.,	15,000	00
Melrose Savings Bank, dated March 23,		
1895, @ 4 per cent.,	15,000	00
E. H. Goss, treasurer Public Library,		
dated April 10, 1895, @ 4 per cent.,	2,000	00
Melrose Savings Bank, dated Nov. 9,		
1895, @ 4 per cent.,	5,000	00
Melrose Savings Bank, dated Nov. 25,		
1895, @ 4 per cent.,	15,000	00
Melrose Savings Bank, dated Dec. 5,		
1895, @ 4 per cent.,	10,000	00
	\$78,621	55
	\$607,621	55

AVAILABLE ASSETS.

Due from state, state aid, 1885,	.		\$2,286	00
“ “ military aid, 1895,	.		263	00
“ “ burial of soldiers,	.		35	00
				\$2,584 00
Uncollected taxes, 1890,	,	.	8	00
“ 1891,	,	.	94	92
“ 1892,	.	.	955	41
“ 1893,	.	.	1,479	42
“ 1894,	.	.	3,792	33
“ 1895,	.	.	72,362	28
				\$78.692 36
Water loan sinking fund,	.	.		\$12,900 50
Cash on hand,	.	.		4,930 75
				\$99,107 61
Net debt more than assets available,				
				\$607,621 55
Net debt,	.	.	.	508,513 94
Sewer bonds,	.	.	.	160,000 00
Water bonds,	.	.	.	259,000 00
				419,000 00
Net debt, less sewer and water				
bonds,	.	.	.	\$89,513 94

Respectfully submitted,

GEORGE NEWHALL, Treasurer.

GEORGE NEWHALL, Treasurer,

In account with WATER LOAN SINKING FUND COMMISSIONERS.

DR.

Cash on hand at last report, . . .	\$820 95	
Received from town of Melrose, surplus of 1894,	427 26	
Received interest on four bonds from town of Melrose,	160 00	
Received interest on treasurer's note from town of Melrose,	288 86	
Received interest from Melrose Savings Bank,	41 88	
	————	\$1,738 95

CR.

By paid Boston Safe Deposit and Trust Co., box rent,	\$10 00	
By paid Geo. Newhall, services as treasurer, one year, ending June 1, 1895,	50 00	
Balance in Melrose Savings Bank,	1,678 95	
	————	\$1,738 95

ASSESSORS' REPORT

FOR YEAR 1895.

No. of dwelling houses,	2,836
“ inhabitants,	11,651
“ military, 18 to 45,	2,414
“ school children, 5 to 14, inclusive,	1,923
“ horses,	672
“ cows,	198
“ dogs,	555
“ swine,	700

VALUATION.

Real Estate.

Buildings,	\$6,207,475 00	
Land,	3,874,625 00	
		\$10,082,100 00
Personal estate,	\$494,805 00	
Resident bank stock,	61,845 00	
		556,650 00
Total valuation,		\$10,638,750 00
Tax rate, \$14.80.		
Tax assessed on real estate,	\$149,215 08	
“ “ personal estate,	7,323 10	
“ “ resident bank stock,	915 30	
“ “ 3361 polls,	6,722 00	
Amount of warrant to collector,		\$164,175 48

TAXES ASSESSED 1895.

		Tax.	Per cent.
Polls, 3361 @ \$2.00	.	\$6,722 00	4.09
Buildings,	. . . 6,207,475	91,870 63	55.96
Land,	. . . 3,874,625	57,344 45	34.93
		\$10,082,100	
Personal,	. . . 494,805	7,323 10	4.46
Bank,	. . . 61,845	915 30	.56
Valuation,	. . \$10,638,750	\$164,175 48	100

APPROPRIATIONS 1895.

	Appropriation.	Per cent.
Schools,	\$49,000 00	29.85
Highways,	15,000 00	9.14
Fire,	9,100 00	5.54
Health,	1,700 00	1.04
Interest,	5,000 00	3.05
Insurance,	600 00	.37
Contingent,	3,500 00	2.13
Numbering buildings, . . .	75 00	.05
Police,	8,000 00	4.87
Poor,	7,000 00	4.26
Public Library,	3,500 00	2.13
Sidewalks,	3,000 00	1.83
Street Lights,	8,500 00	5.17
Town Hall,	1,000 00	.61
Military Aid,	200 00	.12
Soldiers' Relief,	1,000 00	.61

	Appropriation.	Per cent.
Parks,	\$250 00	.15
Reduction of Debt,	5,000 00	3.05
Deficiencies,	4,673 25	2.84
Water, Town use,	3,000 00	1.83
Salaries,	4,975 00	3.03
Memorial Day,	200 00	.12
Road Roller,	3,700 00	2.25
Total, Town,	\$137,973 25	84.04
State Tax,	5,895 00	3.59
County Tax,	9,307 02	5.67
Sewerage Tax :		
Interest, \$3,882 00		
Fund, 843 88		
Maintenance, 855 60		
	5,581 48	3.40
Overlay,	5,418 73	3.30
	\$164,175 48	100.00

GEO. C. STANTIAL,
HENRY A. LEONARD,
DEXTER PRATT,

Assessors for 1895.

Tax Statistics, from 1850 to 1895, inclusive; Forty-six Years.

Year.	Census.	Dwell-ings.	Polls.	Val. Per-sonal Est.	Val. Build'gs.	Value Land.	Total Value Real Estate.	Total Valuation.	Rate per \$1000.	Town Appropriat'n.	Sewerage Tax.	State Tax.	County Tax.	Overlay.	Total Tax Levy.	Year.
1850	1,260	125	317	\$59,949			\$423,497	\$483,446	\$4 40	\$1,472 10						1850
1851			335	73,894			547,974	621,868	5 50	3,729 17			\$505 08	\$88 90	\$4,323 15	1851
1852			350	74,927			576,542	651,469	6 50	4,150 00				191 43	4,840 26	1852
1853			420	97,139			800,538	897,677	7 80	6,850 00		\$270 00	505 09	108 14	7,733 23	1853
1854			496	117,631			906,794	1,024,425	8 50	8,550 00		270 00	527 40	270 14	9,617 54	1854
1855	1,976	361	523	124,785			1,021,712	1,146,497	8 30	9,200 00		405 00	527 40	353 09	10,485 49	1855
1856	2,206		573	136,074			1,114,448	1,250,522	8 70	10,450 00		540 00	527 40	398 34	11,915 74	1856
1857			622	145,904			1,197,476	1,343,380	11 77	15,000 00		810 00	659 25	480 59	16,949 84	1857
1858	2,297		567	121,883			1,165,224	1,287,107	7 20	9,100 00		324 00	570 06	350 40	10,344 46	1858
1859	2,431		610	122,971			1,246,781	1,369,752	7 80	10,480 00		270 00	620 73	399 04	11,769 77	1859
1860	2,482	545	621	137,021			1,276,150	1,413,171	7 80	10,850 00		225 00	658 74	413 31	12,147 05	1860
1861		496	618	134,755			1,288,066	1,422,820	9 50	11,960 00		483 00	1,403 15	500 00	14,346 15	1861
1862		521	615	126,792			1,320,280	1,447,072	11 60	13,800 00		2,929 15	1,190 81	268 28	18,188 24	1862
1863		523	659	161,186			1,334,643	1,495,829	15 80	19,125 00		3,864 00	1,190 81	880 00	25,059 81	1863
1864		524	667	126,057			1,329,685	1,455,742	13 40	17,550 00		3,864 00	1,189 19		21,150 87	1864
1865	2,866	550	714	311,369			1,366,485	1,677,854	15 70	17,800 00		8,413 00	1,298 01	516 33	28,027 34	1865
1866		550	761	242,310			1,386,502	1,628,812	21 00	29,343 47		5,370 00	1,423 26		36,136 73	1866
1867		567	775	283,682			1,511,624	1,795,306	16 00			8,950 00	1,594 05		30,490 90	1867
1868		586	825	365,042			1,608,974	1,974,016	17 00	28,950 00		3,580 00	1,650 98	1,365 55	35,546 53	1868
1869		590	800	437,684			1,674,985	2,112,669	20 00	36,100 00		4,475 00	1,821 77	2,225 71	44,622 48	1869
1870	3,181	629	850	523,933			2,106,326	2,630,259	15 00	33,716 00		4,475 00	1,821 77	1,410 13	41,422 90	1870
1871		665	881	404,515			2,408,241	2,812,756	15 00	37,570 00		4,475 00	1,821 77	87 00	43,953 77	1871
1872		706	917	645,742			3,007,928	3,653,670	16 50			3,660 00	2,122 32		64,042 46	1872
1873		742	967	409,249			3,234,658	3,643,907	15 50	51,325 00		4,117 50	2,345 72	627 04	58,415 26	1873
1874		786	1,039	380,460			3,797,965	4,178,425	15 80	62,061 84		3,660 00	2,504 53	909 74	69,136 11	1874
1875	3,990	946	1,099	390,378			4,062,450	4,452,828	16 00	65,990 16		3,660 00	2,347 99	1,445 10	73,443 25	1875
1876	4,185	1,027	1,102	488,124			4,178,765	4,666,889	13 00	55,585 00		4,284 00	1,495 01	1,509 55	62,873 56	1876
1877	4,101	1,037	1,121	451,400			3,743,844	4,195,244	12 50	48,107 00		3,570 00	2,093 03	912 53	54,682 56	1877
1878	4,221	1,045	1,183	364,298			3,661,500	4,025,798	12 00	43,703 06		2,380 00	1,719 22	2,873 29	50,675 57	1878
1879	4,365	1,002	1,203	326,093	\$1,697,350	\$1,642,900	3,340,250	3,666,343	15 00	51,861 55		1,190 00	1,719 22	2,630 37	57,401 14	1879
1880	4,443	1,001	1,195	294,384	1,729,050	1,626,950	3,356,000	3,650,384	14 25	47,545 61		3,570 00	1,793 96	1,498 40	54,407 97	1880
1881	4,508	1,014	1,226	328,858	1,747,950	1,628,250	3,776,200	3,705,058	13 80	46,624 12		3,570 00	1,793 96	1,593 69	53,581 66	1881
1882	4,739	1,038	1,292	302,939	1,803,425	1,644,425	3,447,850	3,750,789	14 80	50,048 81		4,760 00	1,793 96	1,492 84	58,095 61	1882
1883	5,071	1,126	1,388	368,376	2,130,039	1,690,386	3,829,425	4,197,801	14 40	55,393 71		3,330 00	2,242 45	2,258 13	63,224 29	1883
1884	5,607	1,206	1,607	369,713	2,357,814	1,742,411	4,100,225	4,469,938	13 80	56,777 52		4,440 00	2,042 40	1,639 21	64,899 13	1884
1885	6,110	1,323	1,772	395,415	2,585,014	1,789,236	4,374,250	4,769,665	14 20	63,753 64		3,330 00	2,373 35	1,817 24	71,274 23	1885
1886	6,536	1,443	1,870	403,750	2,795,425	1,872,225	4,667,650	5,071,400	13 60	65,306 23		3,930 00	2,362 69	1,112 12	72,711 04	1886
1887	7,073	1,580	1,994	430,088	3,075,925	2,096,025	5,171,950	5,602,038	14 00	72,350 50		5,895 00	2,756 47	1,414 56	82,416 53	1887
1888	7,535	1,674	2,134	426,861	3,360,950	2,213,755	5,574,705	6,001,566	13 60	75,104 03		5,895 00	3,307 77	1,550 49	85,857 29	1888
1889	7,821	1,765	2,204	413,490	3,706,375	2,315,755	6,022,130	6,435,620	13 60	79,552 69		5,880 00	4,558 50	1,923 21	91,914 40	1889
1890	8,127	1,911	2,321	369,630	3,999,375	2,355,700	6,355,075	6,724,705	13 70	85,335 80		5,145 00	4,733 83	1,536 56	96,751 19	1890
1891	8,827	2,032	2,412	405,690	4,272,025	3,093,275	7,372,025	7,777,715	14 20	104,061 87		4,410 00	4,733 83	1,779 04	114,984 74	1891
1892	9,539	2,282	2,723	430,715	4,786,150	3,379,700	8,165,850	8,596,565	15 80	123,604 46	\$646 75	5,757 50	6,428 39	4,834 62	141,271 72	1892
1893	10,474		3,048	500,655	5,308,500	3,590,975	8,899,475	9,400,130	14 40	121,014 98	1,649 14	8,225 00	6,716 22	3,927 41	141,532 75	1893
1894	10,847	2,583	3,126	538,098	5,677,800	3,708,975	9,386,775	9,924,873	14 20	123,852 57	4,041 90	6,580 00	7,195 97	5,514 76	147,185 20	1894
1895	11,651	2,836	3,361	556,650	6,207,475	3,874,625	10,082,100	10,638,750	14 80	137,973 25	5,581 48	5,895 00	9,307 02	5,418 73	164,175 48	1895

GEORGE C. STANTIAL,
 HENRY A. LEONARD,
 DEXTER PRATT,

} Assessors for 1895

COLLECTOR'S REPORT.

TAXES OF 1890.

Uncollected, as per last report,	\$10 00
Additional,	2 74
	\$12 74
Interest in 1895,	71
	\$13 45
Collected and paid treasurer,	5 45
	\$8 00

TAXES OF 1891.

Uncollected, as per last report,	\$97 76
Interest in 1895,	57
	\$98 33
Collected and paid treasurer,	3 41
	\$94 92

TAXES OF 1892.

Uncollected, as per last report,	\$981 57
Interest in 1895,	80
	\$982 37
Collected and paid treasurer,	26 96
	\$955 41

TAXES OF 1893.

Uncollected, as per last report,	\$4,694 05
Interest in 1895,	383 51
	\$5,077 56
Collected and paid treasurer,	3,598 14
Uncollected,	\$1,479 42

TAXES OF 1894.

Uncollected, as per last report,	\$63,382 99
Additional,	14 84
	\$63,397 83
Interest in 1895,	2,352 36
	\$65,750 19
Abated,	305 95
	\$65,444 24
Collected and paid treasurer,	61,651 91
Uncollected,	\$3,792 33

TAXES OF 1895.

Amount of warrant,	\$164,175 48
Additional,	472 14
	\$164,647 62
Interest in 1895,	188 25
	\$164,835 87
Abated,	279 60
	\$164,556 27
Collected and paid treasurer,	92,193 99
Uncollected January 18, 1896,	\$72,362 28

ADDISON LANE,

Collector.

REPORT OF OVERSEERS OF POOR.

Two hundred and thirty-two persons have been more or less aided within the year. This includes the children of forty-six families, also thirty-nine single persons.

Of the whole number, sixty-six persons, have their settlements in other places, namely, fifty-one having their settlements in other towns or cities, and fifteen belonging to the state poor, for whom we are to be reimbursed for the aid rendered to them.

One hundred and sixty-six persons have their settlements in this town, twenty-one of whom belong to the insane department.

There are at the present writing of this report seventeen persons in the several receptacles for the insane. Four persons have been discharged within the year.

Thirteen indigent persons are being boarded in private families in the town, and five are cared for in almshouses outside of the town.

We are glad that we have the opportunity to thank, in behalf of the town, the members of the several charities in our midst who have proffered their aid and worked so persistently to bring comfort to many poor families among us. While the world may take no note or make no record of their kind acts, we feel that they have won a tribute of love and gratitude from every heart.

It certainly must have greatly helped to lighten the financial burden which otherwise must have been carried to the public fund.

We have tried to do the business of this department in a careful and guarded manner, with a due observance of the law, which is imperative, in granting the ordinary comforts and necessities of life to which the poor are entitled under its provisions.

It is to be expected that the expense of our poor will necessarily increase with the growth of the town, but we must be careful that this increase does not become out of proportion to the increase of population.

Considering the nature of several cases we have had, the stringency of the times in the later winter and the early spring months, and our increase in growth, we think that the showing will be satisfactory to the citizens of the town, for which we refer them to the auditor's columns in another part of this report, in which he has prepared a detailed exhibit of the receipts and expenditures of this department.

H. G. FIELDS,

THOMAS W. RIPLEY,

M. D. BALE,

Overseers of the Poor.

Report of Inspector of Buildings.

MELROSE, Jan. 1, 1896.

To the Honorable Board of Selectmen:

GENTLEMEN:—I herewith present my sixth annual report. During the year 1895 the whole number of applications for permits to build, were 183, of which two were for stables for more than four horses, which the selectmen granted, one on Winthrop street, one on Linwood avenue.

There have been three public buildings erected at an expense of about \$45,000 00, which are exempt from taxation.

There have been 180 houses built, valued at about \$400,000 00.

Section 45. It shall be the duty of the inspector of buildings of every city or town in the Commonwealth in the month of May of each year, to inspect every room of every hotel or lodging house of ten or more rooms above the second story, in the city or town in which he is performing the duty of inspector of buildings, and to ascertain if the provision of this Act is complied with and report the condition of the rope or other better appliances to the chief of the district police. I have examined and reported the same. I recommend that some action be taken or by-laws made in regard to placing bay-windows out over the line of the streets, as complaints are made on account of it, there being nothing in the by-laws to prohibit the same.

DEXTER PRATT,

Inspector of Buildings.

REPORT OF CHIEF OF POLICE.

MELROSE, Dec. 31, 1895.

To the Honorable Board of Selectmen :

GENTLEMEN:—I have the honor to submit my annual report for the year ending Dec. 31, 1895.

During the past year the amount of six hundred and ninety-seven dollars and forty-three cents (\$697.43) has been received for fines, after deducting the expenses of the court and the town's proportionate share of expense for transferring prisoners to East Cambridge.

Causes for arrest and cases brought before the court for the year 1895.

Assault.	20
Bastardy,	2
Board of health rules,	\$
Breaking and entering,	3
Cruelty to animals,	5
Destroying town property,	1
Disobedient child,	1
Disturbing the peace,	16
Default warrants,	4
Drunkenness,	107
Embezzlement,	1
False pretences,	1
Defrauding boarding house,	14
Interfering with officer,	1
Illegal transportation of liquor,	4
Keeping pool room,	1

Larceny,	15
Malicious mischief,	1
Non-support,	6
Neglected children,	2
Rape,	1
Riding on sidewalk,	5
Search warrants for liquor,	11
Town by-laws,	2
Threats,	1
Trespass,	1
Truancy,	1
Vagrancy,	8

Miscellaneous Work Done by the Department.

Fire alarms given,	1
Arc lights reported out,	16
Small " " "	108
Defects in street and sidewalk reported,	41
Disturbances suppressed,	21
Lanterns hung in dangerous places,	28
Water breaks reported,	26
Lost children taken home,	10
Electric wires reported down,	7
Doors found unlocked,	24
Stray horses found,	2
Stray teams found and stabled,	5
Arrested for out of town officers,	6
Dogs killed,	5
Cases investigated,	49
Notices delivered,	163
Wagon runs made,	60
Patients taken to hospital in ambulance,	5
Persons assisted home,	5

Lodgers accommodated,	1380
Contagious disease cards put up,	87
Amount of property reported lost and recovered,	\$200 00
Insane conveyed to Danvers,	5
“ “ “ Westboro,	1
“ “ “ St. John N. B.,	1

Beyond the usual routine work no special demand has been made upon the department during the last year. Two additional regular officers have been added to the force, one of whom was assigned to the east side of the town. Two have been dropped, one regular and one special.

At the meeting in November last I deemed it necessary to ask for the sum of two hundred and fifty dollars to meet the necessary expense for the rest of the year. But the court fines reimbursed to the town under the statutes were much larger than I had reason to anticipate, consequently I was not obliged to draw upon this sum for expenses, and the same remains intact in the hands of the treasurer. No large sum has been expended for incidentals except the sum of one hundred dollars used for the purchase of a horse. The use of the patrol wagon for police service, together with the Emergency Hospital calls, have proved of as great a benefit to the department as I indicated in my report of last year it would be if purchased. The arrests for drunkenness this year compared with 1894 show an excess of eight only, which, considering the growth of the town and the large number of non-residents employed upon the sewer construction, and when we consider as well that of the whole number of arrests for this misdemeanor fully ninety per cent. were arrested at the depots or soon after their arrival in town from the city, we certainly have as good a record for order within our borders as can be claimed by any of our neighbors. We have also been very free from burglaries

during the year. The arrest and sentence of twenty years to the state's prison of the party who operated on the East side for a time, has, I trust, proved a warning to others inclined to operate in this line.

The liquor nuisances have given little cause for complaint. Five of those complained of during the year have abandoned the business and left town, possibly for new fields of operation.

The care and lodging of persons, applying for such, now demands the attention of the town. The care of so many men of all classes and conditions within the limits of our small guard room in close proximity to the prisoners (if there are any) is not for the best interests of either the lodgers or the town. The number, however, was some two hundred less than in 1894, and with the gradual improvement in business, the trouble may in a short time adjust itself. During the past year we have had three insane persons at the station. There should be a padded cell built for such cases, which could be used when necessary.

Additional police service is demanded at the Highlands, one officer only now being assigned there for night duty, who cannot care for more than a section of that territory. Two men, one on the east side of the Boston & Maine railroad, and one on the west should be provided.

To your honorable board and to the justices of the First District court and to the officers of the department, my thanks are extended for courtesies received and assistance rendered.

Respectfully submitted,

FRANK M. McLAUGHLIN,
Chief of Police.

Report of Superintendent of Streets.

To the Honorable Board of Selectmen:

GENTLEMEN:—I respectfully submit the following report of the distribution of labor expense for the year ending December 31, 1895 :

Avon street,	\$125 00
Beverly street,	85 00
Berwick street,	175 00
Bartlett street,	156 00
Botolph street,	12 00
Breaker,	1,652 00
Cemetery,	143 50
Emerson street (near depot),	425 00
Emerson street, East,	35 00
Emerson street, drain,	331 63
Essex street,	750 00
Foster street, East,	285 00
Foster street,	40 00
Franklin street,	25 00
Frances street,	85 00
General repairs,	2,407 49
Grove street,	243 75
Linwood avenue,	125 00
Lynde, Lebanon, and Grove streets (corner),	185 00
Main street,	510 50
Main street (macadamizing south end),	3,158 81

Amount carried forward,

\$10,955 68

<i>Amount brought forward,</i>		\$10,955 68
Myrtle street,		225 00
Melrose street,		110 00
Mystic avenue,		125 00
Pleasant street,		512 01
Porter street,		120 00
School street,		112 00
Snow,		605 20
Sewall street,		180 00
Sewer,		26 13
Sylvan street,		84 38
Third street,		40 00
Tremont street,		150 00
Upham street,		21 25
Vine street,		50 00
Walton park,		50 00
Woodland avenue and Clifton park,		175 00
Whittier street,		40 00
Winter street,		135 00
Wyoming avenue,		75 00
Total amount of pay-rolls,		\$13,791 65

Macadamizing Main Street.

Labor, as per pay-roll,	\$3,158 81
Bills paid for coal, oil, tools, etc.,	305 00
Superintendence,	166 66
Broken stone from breaker,	1,320 00
\$4,950 47	

REPORT

OF THE

BOARD OF HEALTH

OF THE

TOWN OF MELROSE, MASS.,

FOR THE

YEAR ENDING DECEMBER 31, 1895.

MELROSE:

DUNTON & POTTER, PRINTERS, REPORTER OFFICE.

1896.

REPORT OF THE BOARD OF HEALTH.

The board of health submits herewith its sixth annual report. At the first meeting of the year Dr. Sanborn was chosen chairman, and Dr. Warren, secretary. The membership of the board was changed early in the year. Frank L. Washburn, Esq., having resigned, May 7, the joint convention of the board of selectmen and the board of health elected, June 14, Joseph W. Spaulding, Esq., to fill the unexpired term.

In presenting this report, the board is pleased that it can offer so favorable a statement of the sanitary condition of our town. The number of cases of contagious disease during the past year have been much less than either of the two years immediately preceding, and are almost exactly those of the year 1892, when our population was about two thousand less than now, and the mortality of the town (26 less than in 1894) sustains precisely the same comparison. This is a subject for congratulation, and confirms our position among the very first of the most healthful towns of the state.

The service of the collection of swill and garbage has recently been changed, the contract of Mr. Thomas R. Higgins having expired with the past year. In response to a call for bids, a contract was made for two years with Mr. Levi Elms, whose service began on the 1st of January. The new contract requires collection oftener than heretofore, namely: Twice a week during nine months of the year, three times a week during July, August and September, and every day from about forty-five stores, boarding houses and hotels.

The past year has brought the usual burden of nuisances to be obviated, overflowing cesspools, neglected drains, untrapped fixtures, and other such results of shiftlessness and parsimony. The board of health, like lawyers, clergymen, and physicians, is kept active by the (sanitary) sins of the community. Our requirements to correct these nuisances have usually been promptly met. One person only has been brought to court and fined for offense, and he for not only emptying his cesspool himself without a permit, but for the gross misdemeanor of pouring the offensive material upon his neighbor's premises. A number of languid responses to our requirements have been wonderfully quickened by the impending resort to legal proceedings.

The year recently closed has been one of unusually active and responsible labor ; more so than any previous one. The increased range of duties attendant upon the opening of the sewer, and the execution of the law respecting plumbing, have made the field of our duties wider and more continuous.

The new plumbing law requires the chairman of the board of health to be chairman of the board of examiners of plumbers. This is a responsible duty, demanding most faithful and unbiased attention. The three members of the board of examiners have performed the task with a serious sense of its importance. During the year two journeymen have been examined for license as master plumbers, both successfully, and seven workmen have been examined for license as journeymen plumbers, six of whom passed, and one was conditioned on future study and improvement. It has been our constant endeavor to raise the standard of intelligence in this important industry, to require the applicants to not merely know how to do their work, but to clearly understand the reason why for every step they take. The plumbers as a rule have endeavored to live up to the

regulations, and there have been very few cases calling for discipline by the board.

As it seems some citizens are not yet fully informed of the plain requirements as to the connection of the house plumbing with the sewer, it is thought best to give here a brief summary of what needs to be done. In every case of proposed connection of the house plumbing with the sewer, a registered plumber must be employed. This rule does not admit of any exception. Before the plumber begins his work he obtains a permit from the board of health. He then takes care that the soil pipe shall extend, if not so done before, undiminished in size, up through the roof and two feet above, or more than that, in such cases as the board may direct. He sees that the ten-foot iron soil pipe required to be placed through the cellar wall shall be connected with the house drain with a Y, the connection being made with a branch, and a brass clean-out placed in the end of the Y. The house drain shall have a running trap placed beyond all house connections and have a brass clean-out. This running trap may be omitted by permission of the board. Then these connections with the sewer must in every case be inspected and the plumber shall, in the presence of the inspector, apply the water test up to the lowest fixture. Every part of the plumbing of each building must be connected with the sewer, and this done, all cesspools must be abolished by emptying and filling with clean material, as fresh earth or ashes. No new cesspools can be constructed to serve any building on a street through which the sewer has been completed. These precautions render the plumbing of a house presumably safe. They are necessary for the protection of the family, and if the law does anything at all it can hardly furnish any less efficient safeguard for the sanitary condition of our dwellings.

A concise summary of the labors of the inspector of plumbing during the past year is as follows:

Number of permits granted to do plumbing,	.	.	492
“ “ permits for sewer connection,	.	.	166
“ “ visits made by inspector,	.	.	833
“ “ water tests made,	.	.	424
“ “ sewer connections tested,	.	.	129

There is still need that families be compelled to exercise more caution in isolating cases of contagious diseases. While we think we have succeeded measurably in establishing a social quarantine in these cases, restraining free communication between affected families and the community, yet complaints have been brought to us of some offences seemingly worse than careless. The community must be protected. To this end, if appeals are of no avail, the board may be driven to the decision that those who wilfully violate so salutary a law must be made to suffer the legal penalty they invoke.

The fumigation of infected premises has, during the past year, been taken in hand by the board, and placed in the charge of Dr. Warren, who has given it his personal attention.

The usual tables of contagious diseases and of mortality are annexed.

Report of Contagious Diseases during the Year 1895.

	Scar. Fever.	Diph.	Measles.	Typhoid.	Total.
January.....	2	4	1	1	8
February.....	5	4	0	1	10
March.....	4	7	2	1	14
April.....	2	3	1	0	6
May.....	4	6	0	0	10
June.....	3	5	0	0	8
July.....	0	1	2	0	3
August.....	4	0	5	1	10
September.....	2	0	0	5	7
October.....	3	2	0	0	5
November.....	3	2	0	8	13
December.....	1	7	0	1	9
	—	—	—	—	—
Total.....	33	41	11	18	103

Report of monthly mortality for the year 1895 :

January,	7	August,	18
February,	24	September,	12
March,	10	October,	15
April,	24	November,	9
May,	10	December,	8
June,	15		—
July,	12	Total,	164

The mortality report for year 1895 is as follows :

Consumption,	13	Erysipelas,	1
Pneumonia,	7	Cerebral hemorrhage,	1
Stillborn,	12	Neurasthenia,	1
Apoplexy,	7	Hydrocephalus,	1
Heart disease,	14	Gangrene,	1
Paralysis,	7	Pericarditis,	1
Bright's disease,	6	Abscess of neck,	1
Natural causes,	2	Intestinal obstruction,	1
Diphtheria,	6	Umbilical hernia,	1
Cancer,	4	Railroad accident,	2
Typhoid fever,	4	Disease of stomach,	1
Diabetes,	1	Tubercular meningitis,	1
Burns,	1	Concussion of brain,	2
La Grippe,	1	Acute tuberculosis,	3
Appendicitis,	1	Fracture of hip,	1
Pyæmia,	2	Rheumatism,	1
Weakness and exposure,	1	Puerperal peritonitis,	1
Cardiac thrombus,	1	Convulsions,	1
Hernia,	1	Senile dementia,	1
Sciatica,	1	General debility,	1
Asthma,	1	Cholera morbus,	1
Exhaustion,	2	Cholera infantum,	5
Paresis,	2	Chronic meningitis,	1
Old age,	5	Scarlet fever,	2
Hemorrhage of bowels,	1	Peritonitis,	1
Fracture of skull,	1	Anemia,	1
Tumor of bowels,	1	Dysentery,	1
Pulmonary hemorrhage,	1	Rheumatic endocarditis,	1
Premature birth,	3	Septicæmia,	1
Angina pectoris,	1	Open foramen ovale,	1
Meningitis,	4	Bronchitis,	1
Marasmus,	8	Disease of liver,	1
Senile gangrene,	1		
Total,			164

JOHN E. SANBORN, M. D.,
 EPHRAIM L. WARREN, M. D.,
 JOHN W. SPAULDING.

ANNUAL REPORT
OF THE
SCHOOL COMMITTEE
AND THE
SUPERINTENDENT OF SCHOOLS
OF THE
TOWN OF MELROSE,
FOR THE
YEAR ENDING DECEMBER 31, 1895.

MELROSE:
DUNTON & POTTER, PRINTERS, REPORTER OFFICE.
1896.

SCHOOL COMMITTEE.

JOHN O. NORRIS, Chairman,	.	.	Term expires 1896
MRS. GEO. H. DEARBORN,	.	.	" " 1896
MRS. JOHN F. VALENTINE,	.	.	" " 1898
MR. WM. D. STEWART,	.	.	" " 1898
MRS. WM. H. FLANDERS,	.	.	" " 1897
DR. JOHN DIKE,	.	.	" " 1897

*Superintendent of Schools and Secretary
of Committee,*

B. F. ROBINSON.

SUB-COMMITTEES.

On Accounts.

MR. STEWART,
MR. NORRIS,
MRS. DEARBORN.

Highlands District.

MR. STEWART,
MRS. VALENTINE,
MRS. FLANDERS.

On High School.

MR. NORRIS,
MR. STEWART,
MRS. DEARBORN,
MRS. FLANDERS,
DR. DIKE,
MRS. VALENTINE.

Centre District.

DR. DIKE,
MRS. FLANDERS,
MR. STEWART.

Wyoming District.

MRS. DEARBORN,
DR. DIKE,
MR. NORRIS.

Texts Books and Course of Study.

MR. NORRIS, DR. DIKE, MRS. VALENTINE.

SUPERINTENDENT'S REPORT.

To the School Committee :

SCHOOL ATTENDANCE.

The report of the schools for the current year which I herewith submit to you forms the sixth of the series of annual reports of the Superintendent of Schools of this town.

The table of statistics on the last page of this report shows the maximum number enrolled since September, 1895, to be 2,159, the ratio of increase being about the same as for several years past.

In the matter of punctuality I am compelled to say that our standard is far below what it should be, and this is due, in a great measure, to the carelessness and laxity of a few who persist in absenting themselves when it is not necessary, and in being tardy when the exercise of a little forethought would prevent it. No pupil can do satisfactory work in school who is habitually absent or tardy and unless some marked improvement is made by a few families, prosecutions according to law will have to be resorted to. No person can plead ignorance of the law as an excuse, for we published many of the school laws in our last report and the most important ones are inserted again this year.

SCHOOL ACCOMMODATIONS.

Two years ago there were three unused rooms in the Warren street school; the old West school was not in use and but one room at the old Green street school was used; there

were two unused rooms at the D. W. Gooch school and there was no call for outside accommodations in that section, where we now have a school in a house on Cottage street; at the Upham Hill school there was also plenty of room, while now we have seventy-five children in one room, with two teachers in charge and other rooms are very much crowded.

All of the rooms in the new school houses are now in use and all of the old, once abandoned houses are full with the exception of one room at the Lynde street school.

The constant presentation of these facts to the citizens of the town, by the committee and superintendent through their annual reports and personal interviews, have aroused them to a realizing sense of the condition of affairs and to the needs of the different sections in the way of additional school accommodations, and at the last town meeting an article was inserted in the warrant to see what action the town would take regarding additional school accommodations, and as a result the following vote was passed: "That a committee consisting of the three gentlemen of the school committee and nine others, to be named by the moderator, be appointed to consider what additional school accommodations are needed and to report at a subsequent town meeting."

In accordance with the vote, the following gentlemen were named by the moderator to serve on that committee: John O. Norris, Dr. John Dike, William D. Stewart, Rufus S. Carpenter, B. Marvin Fernald, Oliver A. Roberts, Charles H. Adams, Charles H. Lang, Jr., Louis E. Lovejoy, F. J. Glynn, Curtis C. Goss and George R. Jones.

This committee has held meetings weekly since its organization, and have, by close investigation, acquired a great amount of information which they will formulate into a report and present to the town, at an early date, and I pre-

sume it will have been presented and acted upon before this report appears. Without attempting to predict in any way what the report of this committee will be, we can safely say they will find the facts substantially as they have been presented to the town for the last two or three years in the report of this department, save that there is now a more pressing need of additional room to accommodate the lower grade children than ever before, and at the High School the conditions are certainly no better, and never can be, as things are now arranged.

TEACHERS.

Quite a number of changes in our teaching force have been necessary during the year, for various reasons. Two teachers, Miss Mitchell of the Warren Street School and Miss Chadbourne of the Upham Hill School have been married, their places being filled by Miss Lucy E. Shute and Miss Mary A. Young, both teachers of experience.

Miss Esther M. Davies, principal of the Franklin Street School resigned to accept a position in Boston, and Miss Alice J. Coffin of Farmington, Me., was put in her place. During the spring term the second and first grades at Franklin street were separated, Miss Bertha M. Lawrence being transferred from Upham Hill and put in charge of the first grade, where she remained until the first of December when she resigned to accept a position in Medford, and Miss Jeannette A. Doane of Athol, was elected to the place. Miss Kate Landon of Norwich, Conn., took Miss Lawrence's place at Upham Hill and is now in charge, with Miss Grace Rhodes as assistant. Miss Isabelle Chapin, who for several years had charge of the first grade at the Centre School, resigned to accept a much more lucrative position as principal of the training school at Beverly and Miss

Cecelia Coyle was transferred from Upham Hill to her school, Miss Mary C. Flagg being put in charge of the first grade at Upham Hill.

Miss Mary R. Clarke was transferred from the D. W. Gooch School to the fourth grade at the Centre and made principal of the building, Miss Susan D. Melcher going to the Green street to take charge of the third and fourth grades in the upper room of that building.

To fill Mrs. Clarke's place, Miss Ethel Burke, a young lady from Quincy, Mass., was chosen, and continued her work in a very satisfactory manner until the Thanksgiving vacation, when she went to her home for the holiday week, and her acquaintances were shocked to learn of her death only a day or two after. She was universally liked by all of her pupils and was a young lady of more than ordinary ability.

Miss J. A. Bunker was placed in charge of the school temporarily and remained until the first of February, when Miss Louise G. White, who was elected teacher, took charge.

Mrs. Dermot's room at the D. W. Gooch school was full to overflowing at the beginning of the year, and it was necessary to make a division. There being no vacant rooms in the school houses, the committee began a search for one outside, and after considerable investigation, it was decided that the most available place was the house at 101 Cottage street, owned by A. H. Heath, which was leased, and a room fitted in it to accommodate thirty pupils, and this number were transferred from Mrs. Dermot's room and placed in charge of Caroline L. Hollis of Medford.

Sickness has compelled several teachers to be absent for longer or shorter times, and their places have been filled by substitutes, but with one exception, the regular teachers are now in their schools.

It is a cause of sincere regret that so many of our old teachers have felt compelled to resign for one reason or another, but in filling their places great care has been taken to get well-trained teachers, strong in discipline and up to the times in methods of teaching, and without detracting in the least from the credit due those teachers who have left us, I think the force is being materially strengthened on the whole.

One of the leading educational men in this country, Supt. Balliet of Springfield, sums up the matter of trained teachers in these few lines:

“Experience of years has shown very clearly that good schools cannot be created by resolutions of school committees or edicts of superintendents. The character of the school and the merit of its work depend upon the character and ability of the teacher. The school will never be better than the teacher who is placed in charge of it. If they are all trained and fitted for their work the schools will be good; if the schools are in charge of apprentices no amount of lecturing by the superintendent, and no minuteness of detail in the requirements of the course of study can supply the deficiency. All the supervision that can be provided or devised will not make a good school where the teacher is incompetent, for the incompetency is always present in the school room, while at best the supervisory influence can be felt only periodically.”

The truth of this statement ought to be self-evident, yet we find many of our most intelligent citizens who cling to the belief that anyone can “keep school” if he has had the advantages of a common school education. A broad education will not make a successful teacher; add to this a professional training and you may still have very poor material for a successful teacher, but good natural talent, well trained, is what is needed. A successful teacher is one who is able

to excite and stimulate his pupils and to draw forth the best there is in them. A person having these qualifications, together with a love for his work, is bound to succeed, and will succeed, in time, with or without training, but the question arises, have the numerous applicants for positions in our schools these qualifications. The parties themselves cannot tell, in fact many of them care but little whether they have or not, providing they can secure and retain positions, and no committee or superintendent can tell until they have demonstrated the fact by actual work.

At a training school the good qualities and faults of each trainer are carefully noted, and if training is needed in any particular line it is given to them, and if, after a sufficient trial, it is found that certain candidates are not adapted to the profession of teaching they are so informed and advised to adopt some other line of work.

It is a disagreeable and often a difficult task for school committees to rid themselves of just this class of teachers if once they are elected, as they often live in town, and their friends and acquaintances stand back of them because they are of good moral character, have received a fair education and are pleasant and agreeable to meet, not knowing whether their actual work in the school room is satisfactory or not. In no other line of business is it considered good judgment to place or retain a person in a position unless he is fitted for the place and does the best kind of work; why, then, should it be done in school work, where the welfare of our children is at stake, knowing, as we do, that the teacher's example and influence have much to do with building their characters for good or bad.

It gives me pleasure to testify to the good work done by most of the teachers of this town. As a whole they are a hard working and conscientious body of teachers, and the

result of their work is their best recommendation, but there are a few who not having laid the proper foundation, or from lack of natural fitness for the work, find it irksome, and unsatisfactory to themselves, and it cannot be otherwise to those in charge of the schools.

A teacher to be successful must first of all be able to control himself then he can the more successfully control others. He must be able to influence others, both pupils and parents, to believe his ways are right, even though they may not be pleasant ways for the time being, and then prove to them by good results that they are right. He must be willing to work hard and not think that his duties cease when he steps outside the school room door, and persons, who, upon self-examination, find that they are lacking in these respects, should, in justice to themselves and to the public whom they serve, seek some other occupation.

NATURE STUDY.

As we stated in our report of last year, Mr. A. C. Boyden of the Bridgewater Normal School has come here every month during the year and planned the work of the different grades and held teachers' meetings, giving detailed instructions as to how to carry on the work.

The outline followed has had to be planned, so as to allow the teachers to obtain material to work with as the season would permit. The outline followed is substantially as follows :

Early Fall.—Wild Flowers, Grasses and Grains, Insects and Pet Animals.

Late Fall.—Deciduous Trees and Fruits.

Early Winter.—Forms of Water, Evergreen Trees.

Late Winter.—Building Stones, Metals, Elements of Physics.

Early Spring.—Buds, Growth of Buds and Seeds.

Late Spring.—Wild Flowers, Insects.

It is hoped to have an exhibit in connection with some other school work some time in the early summer of some of the work done in this line.

PHYSICAL TRAINING.

Miss Clara E. Sheppard carried on the work in physical culture through the year up to first of December, when she felt compelled to give up the work on account of poor health, and Miss Helen F. May was chosen to succeed her. Miss Sheppard was remarkably successful in her conduct of the work, being able to so handle teachers and pupils that there was little friction, and they took hold of the work and tried to excel in it because they loved it, and it was with deep regret that the committee accepted her resignation.

Miss May is taking up the work where Miss Sheppard left it and is meeting with good success all along the line. Teachers' meetings for the instruction of the teachers in the work have been held every two or four weeks, as they have been needed. All teachers are expected to attend these meetings and take an active part unless excused, and in this way the teachers get a practical insight into the work, and actual experience and practice show them wherein the pupils need special help and instruction. Two days of each week are devoted to the work by Miss May and each school is visited regularly.

The good effects of the work are already noticeable among our children in the schools, as they carry themselves better, assume better positions when standing and walking, and give closer attention when spoken to, so that it can be pronounced a success.

During a part of the year the young ladies of the High

School have held their drills in the Town Hall on Mondays and Wednesdays from twelve to one o'clock, and all citizens are cordially invited to attend and observe the work.

Nothing has been done to change the condition of affairs at the Ripley school, the number of pupils who attend school there and the number who attend the Malden schools as tuition scholars being about the same as last year.

The city of Malden has raised its tuition rate from twenty-five to thirty dollars for each pupil.

TRUANCY.

The report of the truant officer which is appended, shows quite a large list of pupils looked up by the officer, but this number represents only a small proportion of the unnecessary absences against which the teachers have to contend.

It generally happens that the poorest scholars are the ones who are habitually absent or tardy, and as they would have all they could do to keep up with their classes if they were present every day, it follows that they fall behind their classes and are compelled to go back into the next lower grade or remain a second year in the same grade, either of which is unsatisfactory to both parents and teachers.

Many parents entertain the idea that they can keep a child out of school for any reason, in fact, for no reason, as long as they choose, and it is for the benefit of this class of parents that we reprint some of the school laws revised in 1894, which although printed in our last report, do not seem to be generally understood.

To the Superintendent of Schools:

DEAR SIR:—During the year fifty-three cases of absentees have been brought to my notice which have been duly attended to. Twenty-four of these absences have been

for truancy ; in other cases, parents have detained the children at home either to assist in home duties or from lack of suitable clothing.

Centre, . . . 2d grade, . . .	1	Lynde Street,	3
" . . . 4th " . . .	1	M. A. Livermore, 6th	
Converse Upper,	1	grade,	1
D. W. Gooch, 4th " . . .	12	Franklin St., 4th grade, . . .	1
Grove Street, 5th " . . .	10	Upham Hill, 1st " . . .	2
" " 2d " . . .	5	" " 2d and 3d " . . .	1
" " 6th " . . .	3	High School,	4
" " 3d " . . .	7		—
Green Street,	1	Total,	53

Respectfully submitted,

I. C. WEEKS,

Truant Officer.

MUSIC AND DRAWING.

The work in music and drawing has progressed during the year very satisfactorily under the direction of Mr. Drake and Mr. Carter, each of whom gives a short report of this work.

Mr. Drake gave an exhibition in the town hall last year of some of the work the High School pupils were capable of doing, which was fully attended by the parents and friends of the pupils, and was highly successful and creditable to both teacher and pupils, and it is possible some of the work of the lower grades may be shown up this year. It is our purpose to give an exhibition in the early summer, showing something of the work in drawing, nature study, language work, etc.

To the Superintendent of Schools :

DEAR SIR : —The report of the Music for the past year is necessarily brief. The same text books have been used and the same plans of work followed. The results have been most favorable and successful, wherever the daily work has been attended to faithfully, and in nearly every school such good results are shown.

A most admirable plan for keeping up an interest and cultivating a high standard of music would be to have yearly festivals of music for the school children. In the case of the High School last year the rendering of a cantata in the Town Hall was the means of awakening an interest there which I have not seen before or since. The same opportunity given the lower grade scholars would be of inestimable value, and it is hoped we can arrange for one this year. The work in the schools would then speak for itself.

Respectfully submitted,

GRANT DRAKE.

Mr. B. F. Robinson, Supt. of Schools, Melrose, Mass.

DEAR SIR:—In reply to your request for a report of the work in Drawing in the public schools, I submit the following:

The foundation work of the primary grades is form study from the object. The purpose of this form study is to build up in the child's mind clear and correct conceptions of form as a basis for thinking and doing. In form study the pupil exercises both touch and sight in his observations. The forms studied by the child are presented to him in such a manner that he may grasp the idea of the form. For instance, the child is given the sphere to discover for himself what can be done with it. He handles it, finds it round and

smooth; he tosses it, rolls it, and finds that it is almost impossible to make it stand still. Next, he moulds it from clay, trying to have it as round and smooth as the original. From this work we have some very good results and some very poor ones. His next study is the cube, which he examines in the same way, and then compares and contrasts it with the sphere. In this way each model is studied in turn, very carefully. Those used during the first year are sphere, cube, cylinder, hemisphere, square prism and right angle triangle prism.

After studying the form as a whole, it is taken up in parts—its surface, edges, corners and faces. The different faces are drawn by the child, and cut from paper in connection with the study of the parts as well as with the study of certain facts about the whole (views) and also in connection with the study of decorative arrangement.

The next two years additional forms are studied, including the ellipsoid, the ovoid, the equilateral triangle prism, cone, square pyramid, vase form, and their application.

The work of the grammar grades is laid upon the future development of the child through his conscious effort in utilizing these forms as a means for wide observation in nature and in art, also as a thought basis for the exercise of his imagination.

This plan when followed as it should be, that is, giving the proper time to drawing as compared with other studies, will develop attention and observation, leading to a wider range of ideas and a better application of beauty in nature and in art. It teaches a pupil to think for himself, with a steady growth of creative imagination along the line of industry and art. It will increase the power of expressing objects as they appear, as well as to express on paper what he has in his mind.

In order to carry out the educational purposes and to

give the instruction the most direct bearing on practical life, the drawing in the grammar grades should be classified into three divisions, construction, the study of the *facts of form*, in their relation to each other as observed in forms and objects. In drawing these facts they should be so arranged as to convey definite ideas of the form, size and structure of the object in its reality and the construction of the object from the drawing; second, representation, which includes the study of the *appearance of forms* in various objects, viewed under various conditions, and in various relations; third, decoration, including the study of beauty in geometric forms, in historic ornament and in natural forms expressed in paper cutting and drawing, and the adaptation of geometric, historic and natural forms in decorative designs.

In nature study the sketches should be kept simple, trying to bring out the growth movement in plants and later ideas of adaptation and the specific forms through which the life manifests itself. In the study of minerals, birds, insects and animals, the idea of form should be studied first as wholes *i. e.* general shape; secondly, principal subdivisions and parts; lastly, details to distinguish one species from another.

The value of all this instruction is to give the pupil a good foundation for independent drawing after he has finished his public school work.

The aim isn't to secure good results and make pretty pictures only, but certain principles are taught for models and objects in certain positions, that they appear in certain ways, and that similar objects under the same condition will be subject to the same law. A pupil who understands those principles—which does not mean merely being able to repeat them—and who has been well taught through all the eight grades, should be able not only to represent objects which

are before him, but to image clearly in his mind and draw fairly well objects not in vision. The pupil who has seen with his mind as well as with his eyes through all these years should find no difficulty in representing any object, whether spherical, elliptical or rectangular. And until a pupil has this ability, drawing, as a language, can never be made practical.

The course in drawing has been considerably changed this year, advancing the work of the lower grades. I find that our third primary is ready for what our fourth has done in years past. The drawing is done almost as well, but the manual work hasn't quite the finish the fourth can give it, but will have in time. There is some change made in all the grades where it is possible to do so. The work is being done very satisfactorily, the teachers are interested and work with enthusiasm, which is sure to make it a success.

In the High School, the first and second classes are painting in monochrome, instead of charcoal, and are doing very well, hoping in the spring to take up the colors. Time is very short in the High School, especially for the painting class, which hardly get started before it is time to stop. If it could be arranged to give them two periods at a time, once in two weeks, it would be better than so short a period once a week.

Another exhibition will be given in drawing in the Town Hall some time in June. It will include work from all the grades and from the High School. Each pupil will be represented by one or more of the drawings he has made during the year. We trust that all parents and friends of the scholars will visit this exhibition, thus showing by their presence their interest in this work.

Respectfully submitted,

WILLIS S. CARTER,

Melrose, Jan. 28, 1896.

Supervisor.

There should be established in town, and we believe it should be done this year, two or three public kindergartens, so located as to accommodate the different sections of the town. There should also be established a workshop or room where the boys from the higher grammar grades and the lower high school grades could have the benefit of manual training work under the direction of a competent instructor. While the boys are being instructed in manual training the girls and the boys in the lower grades could be profitably instructed in sewing.

These departments are not experimental but have already been introduced into the school courses of many towns and cities and we hope to see it done here very soon, and trust public sentiment will demand them and support the committee in asking for a sufficient appropriation to start the work. The benefits to be derived from their introduction have been pointed out in discussions of these topics in former reports.

IN CONCLUSION,

There are many questions of school management, largely theoretical that might be discussed in our annual reports, but it has seemed best to confine this report to practical school management and leave theoretical questions to be discussed in other ways.

My relations to teachers, citizens and committee have been in the main very pleasant and I wish to thank one and all for their co-operation and support, and I trust all may work together for the single purpose of giving the children of this town the best possible school advantages.

Respectfully submitted,

B. F. ROBINSON,

Superintendent.

MELROSE, Jan. 27, 1896.

In School Committee,

MELROSE, Feb. 11, 1896.

Ordered, That the annual report of the Superintendent of Schools be accepted and adopted as the report of the School Committee to the town.

B. F. ROBINSON, *Sec'y.*

“*Per aspera ad astra.*”
1895.

GRADUATION MELROSE HIGH SCHOOL

TOWN HALL, TUESDAY EVENING, JUNE 27,

Eight o'clock.

PROGRAMME.

PART I.

OVERTURE.—“Golden Crown.”

HIGH SCHOOL ORCHESTRA.

CHORUS.—“Revel of the Leaves,”

Veazie

HIGH SCHOOL.

SALUTATORY ESSAY.—Metrical Version from Homer,

ETHEL FERNALD.

CLASS PROPHECY.

MAYBEL L. WHITE.

*ESSAY.

GEORGE PHILLIPS BRYANT.

GROUP OF SONNETS.

ETHEL M. PATCH,

Spenser

CARRIE L. WORTHEN,

Shakespeare

EDWARD E. ALBEE,

Milton

ALBERT W. SNOW,

Wadsworth

DUET.

Selected

MISSSES BRADBURY AND UPHAM.

PART II.

ROLL OF HONOR AND AWARDED FRANKLIN FRATERNITY PRIZES AND
CUTLER PRIZE.

SCIENTIFIC PAPER.—“A New Illuminant.”

GEORGE M. M'COY, JR.

VALEDICTORY.

ALICE FRANCES BOND.

* Excused.

CLASS ODE. *Written by Jessie May Baker—Music by Grant Drake*
GRADUATING CLASS.

I.

As the silvery, sparkling dew-drops
Quickly fade at morn's first beam,
Have our happy school-days vanished
Like a balmy summer's dream.
But with sadness we remember
That those golden days have fled,
And we greet you, friends and schoolmates,
Ere the last good-bys are said.

II.

Life's broad ocean rolls before us,
With its ceaseless, surging tide,
Out upon its boundless bosom
Soon shall we be scattered wide.
O, may He, who ever knoweth
If a sparrow doth but fall,
Guide and keep us through the journey,
Be the Pilot for us all.

III.

Many Gems in memory's casket,
Thoughts of schoolmates dear shall stay,
As with noble purpose, upward
We are toiling day by day.
And when life shall reach its evening,
May we find the morning land,
Then in heaven be reunited,
Ever round God's throne to stand.

AWARDING DIPLOMAS.

ORCHESTRA.—"Castle Gate."

NAMES OF CLASS.

C. JESSIE MAY BAKER.	P. MAYBEL LOUISE WHITE.
E. EDITH MAY BARRON.	C. LAURA MAY WHITE.
G. H. EDITH BRADBURY.	C. CARRIE L. WORTHEN.
E. ALICE FRANCES BOND.	T. EDWARD E. ALBEE.
P. EVELYN STONE CHALONER.	T. CHARLES GARDNER BARRY.
E. LOUISE COYLE.	T. ARTHUR HAMLIN BOYNTON.
C. ETHEL FERNALD.	C. GEORGE PHILLIPS BRYANT.
C. MARGARET R. GRADY.	P. SUMNER HAYES CENTER.
E. ALICE MARIAN HORNSEY.	E. WILLIAM J. COLBY.
P. GRACE GILMORE.	G. SAMUEL DEARBORN.
P. FLORENCE M. HENDERSON.	P. GEORGE H. GIBSON.
P. EDITH LESLIE McINTYRE.	T. GEORGE C. GLOVER.
G. LENA DRAXCY MARSHALL.	C. ROLAND WINSLOW HARRIS.
G. ETHEL MERRILL PATCH.	C. CHARLES ALBERT HOLBROOK.
G. LIZZIE TRUE PEARSON.	T. WILLIAM P. LIBBY.
C. AIMEE LEE SEARS.	G. GEORGE MADISON M'COY, JR.
P. AGNES STATHAM.	CT. FRANK W. MACDONALD.
G. EDITH TENNEY.	C. ALBERT WILLIAM SNOW.
G. GERTRUDE SEARS UPHAM.	P. RALPH SLATER TAYLOR.

C. College Course.

G. General Course.

T. Technology Course.

E. English Course.

P. Partial Course.

CT. Certificate.

SUBJECTS FOR FRANKLIN FRATERNITY PRIZES.

LITERATURE.

- 1st Class.—1. The Historical Value of Scott's Abbot.
 2. The Nature of the Greek Gods as Shown in the Iliad.
 3. The Drama of the Elizabethan Period.
- 2d Class.—1. The Awakening of Silas Marner.
 2. The Woodland Rehearsal in Midsummer Night's Dream.
 3. The Two Portias.
- 3d Class.—1. The Persecution of the Witches from Mabel Martin.
 2. The Embarking of the Exiles in Evangeline.
 3. The Self-sacrifice of Sella.
- 4th Class.—1. Nature's Sights and Sounds.
 2. Pericles.
 3. A Roman Soldier.

Honorable mention is made of the the following scholars :

First Class.

In Literature.

Alice Bond,	Edith Bradbury,
Louise Coyle,	Ethel Fernald,
Roland W. Harris,	Geo. M. McCoy,
Lizzie T. Pearson,	Albert Snow,
Gertrude S. Upham,	Maybel L. White,
	Carrie L. Worthen.

Second Class.

Edith Hunt,	Susie Keizer,
Ethel B. Mayall,	Eugene M. Owen.

Third Class.

Amy Adams,	Edith Baker,
C. Collins,	Bayard Crane,
Alice Day,	Blanche French,
Wallace Lovett,	Frank Merrill, Jr.,
Etta Pierce,	Annie Riley,
Florence Sanford,	Lillian Thatcher,
Marion Waterhouse,	Frank Loveland.

Fourth Class.

Alice Robinson,	Marion Snow,
Annie Thomas,	Laura Worth,
Maude M. Brickett,	Talmage T. Grady,
Mary Smith,	Mary Spear,

Emma Welden.

First Class.

In Mathematics.

Alice F. Bond,	Arthur H. Boynton,
Roland W. Harris,	Albert W. Snow,

Carrie L. Worthen.

Second Class.

Frank R. Carr,	Susie Keizer,
Ethel Mayall,	Eugene W. Owen,

Waldo G. Wildes.

Third Class.

Clara E. Baker,	Luella Butler,
Frank Loveland,	Etta Pierce,
Annie E. Riley,	Mildred Tibbetts,

Mildred Wagg.

Fourth Class.

Maud M. Brickett,	Robert Friend,
Talmage T. Grady,	Mabel L. Moore,
Restrand Osgood,	Mary E. Smith,
Marion Snow,	Robert L. Stewart,
	Laura Worth.

Award of prizes in literature:

English Composition: First prize, Susie Coyle; second prize, Aimee L. Sears; prize for third class, Alice C. Day. Cutler prize for best poem: Ethel Fernald.

Award of prizes in mathematics:

In Geometry: First prize, Susie M. Keizer; second prize, Mildred A. Wagg.
In Algebra: First prize, Alice F. Bond; second prize, T. Talmage Grady.

* Names of scholars that have entered college from last year's graduating class:

H. Edith Bradbury, Boston University.

Ethel Fernald, (to enter Smith, '96).

Aimee Lee Sears, Boston University.

Carrie L. Worthen, Tufts.

Edward E. Albee, Technology.

C. Gardner Barry, Technology.

Arthur H. Boynton, Harvard (L. S. School).

George Phillips Bryant, Harvard (L. S. School).

George C. Glover, Technology.

Roland W. Harris, Harvard.

Charles Francis Marden, Harvard.

George M. McCoy, Harvard (L. S. School).

Albert M. Snow, (to enter '96) Harvard.

This is the greatest number to enter college from one class, in the history of the school.

"Defer Not Any Duty."

GRADUATING EXERCISES

OF THE

MELROSE FIRST GRAMMAR SCHOOL,

TOWN HALL, THURSDAY, JUNE 27, 1895, 9.30 A. M.

ORDER OF EXERCISES.

OPENING MARCH.

CHORUS.—"Awake."

RECITATION.—"Glaucus and the Lion."

J. THACHER SEARS.

SEMI-CHORUS.—"The Merry Spinning Wheel."

PANDORA.

DRAMATIS PERSONÆ.

EPIMETHEUS, one of the gods,	CLARA FREDERICK
VULCAN, smith and artist of the gods,	PHILIP P. MERRILL
MERCURY, messenger of the gods,	GERTRUDE E. SMALLWOOD
BOY, slave to Epimetheus,	CHESTER K. LORING
PROLOGUE,	STANLEY W. ALLEN
PANDORA, a woman made by Vulcan,	BEULAH M. SWETT
MINERVA, goddess of wisdom,	LIZZIE B. WHITNEY
IRIS, goddess of peace and hope,	ANNIE K. SYLVEIRA
GRACES,	CHARLOTTE GRANT
	GERTRUDE GILE
	KATHERINE BEEBE
MAIDENS,	FLORENCE L. GOULD
	HELEN L. PATTEN
	ALICE M. McNALLY
	EDITH G. OAKES
	ALICE A. PULSFER

Synopsis.

ACT I.—Workshop of Vulcan, showing statue of Pandora—Discovery of statue by Graces—Minerva endues statue with life—Mercury charges Pandora with commands of Jupiter and presents her with the casket—Bridal hymn by Hours—Tableaux.

ACT II.—House of Epimetheus—The letter from Prometheus—Mercury presents Pandora—Marriage ceremony—Maidens—The opening of the casket.

ACT III.—House of Epimetheus—Pandora's repentance—Her appeal to Jove—Minerva's intercession—Pandora's punishment—Epimetheus' sorrow—The release of Pandora—The promise of Iris—Tableaux.

SOLO.—"Se Saran Rose," *Luigi Arditi*
GERALDINE FARRAR.

RECITATION.—"Bertha's Debut."
MINNIE STUART.

PRESENTATION OF DIPLOMAS.

CHORUS.—"Gloria."

GRADUATES.

E. Guy Abbott,
V. Willard Adams,
Stanley Allen,
Alma Almborg,
Harry Baldwin,
Paul Barrett,
Charles Barry,
Kate Bayne,
Katherine Beebe,
Frank A. Black,
Thomas A. Blake,
Luella Cartland,
William A. Cassils,
K. Herbert Chisholm,
Ethel Clark,
Eva C. Copeland,
Hollis Cornwall,
Grace Cutter,
D. Frederick Dow,
Grace E. Darling,
Edith L. Dustin,
Francis J. Ebert.
Edward H. Emerson
A. Geraldine Farrar,
Clara Frederick,
A. Henry French,
Charles A. Geist,
Mabel G. Gilbride,
Annie Gilchrist,
Gertrude Gile,

Clarence W. Lewis,
George E. Libby,
Gertrude A. Linnell,
Frank M. Little,
Chester K. Loring,
Florence C. Mayall,
Fred J. McCullough,
Mary McDonald.
Percy L. McLaughlin,
Alice M. McNally,
Philip P. Merrill,
Margaret F. Murphy,
Frederick T. Morrill,
Lewis S. Monroe,
Edith G. Oakes,
Helen L. Patten,
Richard Philpot,
Florence A. Planta,
A. Sprague Poore,
James H. Powell,
Alice A. Pulsifer,
E. Gertrude Pulsifer,
John C. Rink,
Edith R. Rockwell,
J. Thatcher Sears,
Marion Shapleigh,
Walter H. Singer,
Gertrude E. Smallwood,
Charles E. Smith,
Charles H. Stebbins,

Harry E. Gerry,
Florence Gould,
Wallace Grady,
Charlotte H. Grant,
George R. Green,
Harrison Hills,
Roger C. Holden,
E. Josephine Hopkins,
Karl M. Hunt,
A. Percy Janes,
Royal K. Johnson,
Mary E. Keefe,
Maude B. Kennerson,
Edward J. Keiran,
Edwin W. Kirmes,
M. Ella Kirmes,
Lillian M. Kellett,
Joseph Leonard,
Frank H. Lane,
Arthur L. Larkin,

Minnie M. Stewart,
Annie M. Sullivan,
William A. Swenson,
Beulah M. Swett,
Annie K. Sylveira,
May F. Taylor,
Mildred Taylor,
William S. Thayer,
H. Austin Tibbetts,
Ethel A. Upham,
Edward V. Warren,
Edith M. White,
Ethel M. White,
Merle E. White,
Lizzie B. Whitney,
Carrrie P. Woodward,
Ross Worth,
Carl B. Worthen,
Mabel I. Yauvey,
E. Maybell Zappy.

SCHOOL LAWS.

Experience teaches us that it takes a long time for people to learn those things which are distasteful to them, and we therefore feel compelled to insert portions of the school laws as they were revised at the session of the legislature in 1894, so many parents persist in keeping their children out of school without good reason and in violation of the law.

EXTRACTS FROM THE PUBLIC STATUTES OF THE COMMONWEALTH.

CHAPTER 498.

AN ACT RELATIVE TO THE ATTENDANCE OF CHILDREN IN THE SCHOOLS.

Be it enacted, etc., as follows:

SECTION 1. Every person having under his control a child between the ages of eight and fourteen years, and in every city or town where opportunity is furnished, in connection with the regular work of the public schools, for gratuitous instruction in the use of tools or in manual training, or for industrial education in any form, a child between the ages of eight and fifteen years, shall annually cause such child to attend some public day school in the city or town in which he resides, and such attendance shall continue for at least thirty weeks of the school year, if the schools are kept open for that length of time, *with an allowance of two weeks' time for absences not excused by the superintendent of schools or the school committee.* Such period of attendance shall begin

within the first month of the fall term of school, and for each five days' absence of any such child thereafter, in excess of the above allowance, before the completion of the required annual attendance of thirty weeks, the person having such child under his control shall, upon the complaint of the school committee or any truant officer, forfeit to the use of the public schools of such city or town a sum not exceeding twenty dollars, but if such child has attended for a like period of time a private day school approved by the school committee of such city or town, or if such child has been otherwise instructed for a like period of time in the branches of learning required by law to be taught in the public schools, or has already acquired the branches of learning required by law to be taught in the public schools, or if his physical or mental condition is such as to render such attendance inexpedient or impracticable, such penalties shall not be incurred.

SEC. 2. For the purposes of the preceding section, school committees shall approve a private school only when the teaching in all the studies required by law is in the English language, and when they are satisfied that such teaching equals in thoroughness and efficiency the teaching in the public schools in the same locality, and that equal progress is made by the pupils therein, in the studies required by law, with that made during the same time in the public schools; but they shall not refuse to approve a private school on account of the religious teaching therein.

SEC. 3 The truant officers and the school committee of the several cities and towns shall vigilantly inquire into all cases of neglect of the duty prescribed in section one, and ascertain the reasons, if any, therefor; and such truant officers or any of them, shall, when so directed by the school committee, prosecute in the name of the city or town any person liable to the penalty provided for in said section.

Police, district and municipal courts, trial justices and judges of the probate court, shall have jurisdiction within their respective counties of the offences described in section one.

SEC. 4. All children within the Commonwealth may attend the public schools in the place in which they have their legal residence, subject to the regulations prescribed by law.

SEC. 5. The school committee shall determine the number and qualifications of the scholars to be admitted to the High school.

SEC. 9. The school committee shall not allow a child who has not been duly vaccinated to be admitted to or connected with the public schools.

SEC. 10. The school committee shall not allow any pupil to attend the public schools while any member of the household to which such pupil belongs is sick of small-pox, diphtheria, or scarlet fever, or during a period of two weeks after the death, recovery or removal of such sick person; and any pupil coming from such household shall be required to present to the teacher of the school the pupil desires to attend, a certificate from the attending physician, or board of health, of the facts necessary to entitle him to admission in accordance with the above regulation.

SEC. 20. The school committee of each town shall appoint and fix the compensation of two or more suitable persons, to be designated truant officers, who shall, under the direction of said committee, inquire into all cases arising under such by-laws, and shall alone be authorized, in case of violation thereof, to make complaint and carry into execution the judgment thereon; and who may serve all legal processes issued by the courts in pursuance of such by-laws, or of sections fifteen to twenty-four inclusive of this act, but who shall not be entitled to receive any fees for such service.

SEC. 21. Any minor convicted under a by-law made under section nineteen of this act of being an habitual truant, or of wandering about in the streets and public places of a city or town, having no lawful employment or business, not attending school and growing up in ignorance, or if persistently violating the rules and regulations of the public schools, shall be committed to any institution of instruction or suitable situation provided for the purpose, under the authority of said section or by-law, for a term not exceeding two years.

SEC. 22. Whoever, after notice from truant officer to refrain from so doing, offers a reward for services to any child, in consequence of which reward such child is induced unlawfully to absent himself from school, or whoever, after notice as aforesaid, in any manner entices or induces any child to truancy, or whoever knowingly employs or harbors any truant or unlawful absentee from school, shall forfeit not less than twenty nor more than fifty dollars to the use of the public schools of the city or town in which said offence occurs, to be recovered by complaint.

SEC. 23. Truant officers in cities and towns are hereby authorized, under the direction of the school committees of their respective cities and towns, to apprehend and take to school without warrant all truants found wandering about the streets or public places.

SEC. 25. The school committees of the several towns shall annually report to the secretary of the board of education whether their respective towns have made the provisions required by law relating to truants and absentees from school.

SEC. 26. Each town may, and every town containing five thousand or more inhabitants shall, make all needful provisions and arrangements concerning children under six-

teen years of age who by reason of orphanage or of the neglect, crime, drunkenness or other vice of parents are suffered to grow up without salutary parental control and education, or in circumstances exposing them to lead idle and dissolute lives ; and may also make all such by-laws respecting such children as shall be deemed most conducive to their welfare and to the good order of the town.

SEC. 27. The selectmen of towns containing five thousand or more inhabitants, and of other towns, accepting the provisions of sections twenty-five to twenty-eight, inclusive, of this act, shall appoint suitable persons to make complaints of violations of by-laws adopted under the preceding section ; and the person so appointed, and the officers and duly appointed agents of the Massachusetts Society for the Prevention of Cruelty to children, shall alone be authorized to make such complaints and to carry into execution the judgments thereon ; and the persons so appointed shall alone be authorized to make complaints under the following section.

CHAPTER 203.

CONCERNING INJURY TO PUBLIC BUILDINGS.

SECTION 78. Whoever wilfully and maliciously or wantonly and without cause destroys, defaces, mars, or injures a schoolhouse, church, or other building erected or used for purposes of education or religious instruction, or for the general diffusion of knowledge, or an out-building, fence, well, or appurtenance of such schoolhouse, church, or other building, or furniture, apparatus or other property belonging to or connected with such schoolhouse, church or other building, shall be punished by a fine not exceeding five hundred dollars, or by imprisonment in the jail not exceeding one year.

SALARIES OF TEACHERS AND SUPERINTENDENT.

NAMES.	SCHOOLS.	SALARIES.
Alonzo G. Whitman, High,	Principal,	\$2,000
F. H. Small,	" Sub-master,	1,000
Howard D. Barrows,	" Assistant,	1,000
A. A. Ballou,	" "	800
Harriet C. Fairbanks,	" "	1,000
Hattie G. Ricker,	" "	650
Mary J. George,	" "	650
Clara B. Mowry,	" "	600
Lydia Mendum, Warren st.,	Prin., 8th Gr.,	700
Alma J. Guptill,	" " 7th "	550
Harriet Doves,	" " 6th "	475
Lucy E. Shute,	" " 5th "	550
Alice J. Coffin, Franklin st.,	Prin., 4th "	500
Mary E. Tupper,	" " 3d "	500
Hattie M. Field,	" " 2d "	525
Jeanette A. Doane,	" " 1st "	500
Susan D. Melcher, Green st.,	4th and 3d Gr.,	550
Minnie F. C. Snow,	" " 2d and 1st "	500
Ruth Knowles, old Franklin,	2d and 1st "	475
Effie C. Sweetser, M. A.,	Livermore, Principal, 8th Gr.,	700
Lucy W. Bisbee,	" 7th "	600
Lillie J. Davis,	" 6th "	550
Eva M. Crane,	" 5th "	550
Mary R. Clarke,	Centre, Prin., 4th Gr.,	550
Isabelle L. Atwood,	" 3d "	550
Gertrude Stewart,	" 2d "	425
Cecelia Coyle,	" 1st "	525
Mary I. Coggeshall, Upham Hill,	Prin., 7th and 6th Gr.,	600
Mary Young,	" " 5th and 4th "	500
Kate Landon,	" " 3d and 2d "	475
Grace Rhodes,	" " Assistant,	320
Mary C. Flagg,	" " 1st Gr.,	475

SCHOOL REPORT.

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Alice M. Swett,	Grove st., Prin., 8th Gr.,	800
Helen J. Barrett.	" " 7th "	600
Janet Young,	" " 6th "	550
A. Louise McCormick,	" " 5th "	550
Della H. Crosby,	" " 4th "	550
Nellie E. Dempsey,	" " 3d "	550
Florence Ellis,	" " 2d "	550
A. E. Tucker,	" " 1st "	525
Annie G. Smith,	D. W. Gooch school, Prin., 7th Gr.,	650
Alice H. Long,	" " 6th "	550
Etta J. Call,	" " 5th "	550
Louise White,	" " 4th "	500
Luey F. Dermot,	" " 3d "	550
Amelia Trowbridge,	" " 2d "	550
Annie H. Long,	" " 1st "	425
Arline Merrill,	" " 1st "	425
Caroline L. Hollis,	Cottage st., 3d Gr.,	500
Emma A. Weeks,	Converse Prin., 3d 4th, and 5th Gr.,	550
Mary E. Nye,	" 2d and 1st "	550
Louise Frost,	Ripley st., 1st, 2d, 3d and 4th "	550
Clara Bishop,	Lynde st., 1st "	525

SPECIAL TEACHERS.

Grant Drake,	Music,	800
Willis S. Carter,	Drawing,	750
Helen F. May,	Physical Culture,	400
B. F. Robinson,	Superintendent,	2,000

JANITORS.

Isaac C. Weeks,	High and Mary A. Livermore,	720
John Thyng,	Grove st., and D. W. Gooch,	800
Frank Bemis,	Warren, Franklin and Old Franklin,	500
James Fohey,	Green st., Ctr., Lynde and Cottage st.,	494
Eri Upham,	Upham Hill,	200
Thomas Ray,	Converse,	100
Edward Molyneux,	Ripley,	60

SCHOOL STATISTICS.

SCHOOLS.	Maximum Number, Jan. 1 to July 1, 1895.	Average Attendance Jan. 1 to July 1, 1895.	Maximum Number, Sept. 1 to Dec. 1, 1895.	Average Attendance Sept. 1 to Dec. 31, '95.	Number of Pupils January 1, 1896.	Per cent. of attendance.	Average Age, Dec. 31, 1895.	
							Mos.	Yrs.
High School, First class.....	40	38.0	39	37.0	39	95.0	17	4
" " Second class.....	22	21.0	30	27.0	30	90.0	17	0
" " Third class.....	75	64.0	74	62.0	65	95.0	17	4
" " Fourth class.....	84	79.0	92	88.0	89	98.6	15	0
Totals.....	221	202	235	214	228	94.7	...	...
Eighth grade, Mary A. Livermore....	50	43.0	51	48.0	52	94.0	14	4
" " Grove street.....	47	41.6	48	44.9	47	95.0	14	2
" " Warren street.....	30	25.9	34	29.2	29	93.6	14	5
Seventh grade, Mary A. Livermore ...	33	30.4	37	32.5	36	95.2	13	8
" " Grove street.....	33	28.6	32	27.4	31	90.0	14	2
" " Warren street.....	37	29.9	39	33.8	37	93.0	13	7
" " D. W. Gooch.....	35	29.8	37	32.3	36	93.3	13	10
Seventh and Sixth grades, Upham Hill	33	29.5	40	35.6	38	93.4	13	5
Sixth grade, Mary A. Livermore.....	43	39.0	46	42.0	42	91.0	12	5
" " Grove street.....	43	39.5	50	43.6	48	92.9	12	4
" " Warren street.....	39	35.0	46	40.0	45	93.0	12	8
" " D. W. Gooch.....	42	37.1	43	39.4	42	93.0	12	2
Fifth grade, Mary A. Livermore.....	56	47.4	57	48.0	51	94.0	11	9
" " Grove street.....	55	43.9	58	47.0	50	92.0	10	4
" " Warren street.....	34	26.9	45	34.3	37	92.4	11	9
" " D. W. Gooch.....	50	42.9	50	45.9	50	91.4	11	4
Fifth and Fourth grades, Upham Hill.	48	44.6	56	48.9	49	96.0	10	4
Fifth, Fourth and Third, Converse...	25	22.8	34	32.1	34	96.2	9	3
Fourth grade, Grove street.....	44	40.3	44	34.7	45	92.0	10	4
" " D. W. Gooch.....	52	46.6	58	46.7	45	94.1	10	6
" " Centre.....	29	26.7	45	41.3	47	95.0	10	3
" " Franklin street.....	40	33.7	46	36.4	42	93.7	10	5
Fourth and Third grades, Green street	....	....	19	17.7	19	94.0	10	5
Third grade, Grove street.....	42	32.5	40	34.0	37	91.3	9	2
" " D. W. Gooch.....	50	44.9	45	41.1	44	95.1	9	1
" " Centre.....	46	40.0	48	39.0	42	96.0	9	0
" " Franklin street.....	43	35.0	44	35.0	39	94.8	9	7
*Third grade, Cottage street.....	....	....	28	26.8	28	96.8	9	9
Third and Second grades, Upham Hill	46	34.8	72	61.0	75	84.0	9	7
Second grade, Grove street.....	38	35.0	52	48.4	53	95.2	8	7
" " D. W. Gooch.....	53	43.0	43	38.0	43	91.0	7	10
" " Centre.....	44	35.3	50	42.1	46	95.0	6	10
" " Franklin street.....	43	34.4	29	25.8	27	90.5	8	6
Second and First grades, D. W. Gooch	47	38.8	40	33.7	45	90.2	6	5
" " " " Converse....	36	31.1	33	31.4	34	89.8	7	2
" " " " Old Franklin	59	43.4	56	46.0	48	91.0	7	5
" " " " Green street	42	37.9	32	29.7	31	92.6	6	5
First grade, Grove street.....	54	40.3	44	33.3	41	90.1	7	2
" " D. W. Gooch.....	48	37.3	45	38.1	41	90.0	6	2
" " Centre.....	50	42.6	46	37.9	43	90.6	4	3
" " Upham Hill.....	67	62.3	44	35.7	35	89.5	5	9
" " Lynde street.....	46	35.6	36	24.5	29	94.0	6	4
" " Franklin street.....	44	33.0	50	40.9	35	88.8	6	4
Swain's Pond (Ripley school).....	34	24.4	32	25.7	25	88.2	8	4
Totals.....	2,051	1,726	2,159	1,860	2,021	92.6	...	...

* Overflow from D. W. Gooch School.

REPORT OF THE TRUSTEES

OF THE

MELROSE PUBLIC LIBRARY

FOR THE

YEAR ENDING DECEMBER 31, 1895.

MELROSE:

DUNTON & POTTER, PRINTERS, REPORTER OFFICE.

1896.

TWENTY-FIFTH ANNUAL REPORT
OF THE
TRUSTEES OF THE MELROSE PUBLIC LIBRARY
FOR THE YEAR ENDING DECEMBER 31, 1895.

The trustees of the public library respectfully present their twenty-fifth annual report:

In accordance with the vote of the town, the library removed from the Town Hall last spring and was closed March 10, reopening in its present quarters April 11. The trustees feel very thankful for the liberal appropriation for fitting and furnishing, and believe the money has been well spent in making the rooms comfortable and attractive.

The library was moved to its new home without loss or damage, some inconvenience being occasioned of course by the interruption of its regular work. The library and reading room were both closed during the five weeks in which they have usually received their largest patronage, the loss in circulation not being confined, however, to this period. It took some time for the patrons to become acquainted with the new location and the books went out again very slowly. For favorable comparison of statistics, therefore, this would hardly be considered the banner year in the library's history. The interest is growing again, however, as shown by the figures in the last six months compared with the same period in 1894. As per annexed report of the librarian, it will be seen that the number of volumes

now in the library is 11,109, an increase by purchase of 480 and by gift of 13. The number of persons using the library is 2,697, an increase over last year of 581. The number of books issued in 1895 was 36,276, or about 5,000 less than in 1894.

In common with other public libraries the demand is largely for works of fiction, about seventy per cent. of our books being of this character. In this department great care is taken to select the best, in the hope that knowledge acquired in this way may stimulate the mind to something more substantial, for the trustees fully realize the fact, that the great underlying purpose of the public library is educational. They believe that the library and the school should be inseparably connected and are especially desirous that teachers and pupils of the public schools and all other students, should avail themselves of its privileges. To further this end, they are always glad of the opportunity to furnish books for this class of readers when it is possible to do so.

The Boston public library is making renewed efforts to furnish students special privileges, and in our humble way we are glad to follow the example of so illustrious a leader. Since our last report that magnificent library building has been finished and opened to its owners, the public. How wide-spread and potent is its influence. It realizes in full measure what a library should be in its grand possibilities for education, for culture and refinement. It is a great and lasting benefit to the community at large, of especial value to all students and a source of inspiration to all library workers.

Your trustees have thought it advisable for various reasons to make a rule limiting the children's use of the reading room to the afternoon hours. They will be very welcome at that time and every effort will be made to make their stay pleasant and profitable.

This rule does not, of course, apply to children when accompanied by adults.

During the year there has been bought for the reading room "The Book of the Fair," in two volumes, being a fine illustrated souvenir of the World's Fair. Rand & McNally's "Atlas of the World," a very complete and desirable work, Frank Leslie's "Illustrated History of the Civil War," made up of newspaper cuts running through that period, "Earthly Footsteps of the Man of Galilee," an illustrated work showing many places made memorable in sacred history and in the life of our Lord.

It will be seen by the statement of the catalogue fund, that this important work is now under way. A new card catalogue is being type written, from which will be printed a finding list or some other form of catalogue. The trustees will endeavor to have this ready if possible during the coming year.

The Horatio Nelson Perkins fund has bought during the year: for the reading room, "Book of the Fair," 2 vols., by H. H. Bancroft, and for the library: "History of Deerfield," by George Sheldon. The William Emerson Barrett fund has been allowed to accumulate. The library has received from the William Bailey estate nearly all of his bequest, which will amount with accrued interest to about \$2,500. The income from this sum will be used for the purchase of books.

The trustees endeavor to get books into circulation as soon as possible after publication, and in this respect we are glad to say, our library has the reputation of being among the first. We would remind our patrons at Melrose Highlands, and hereby notify all residents in that section, that the agency of the library is in the store of Miss Carrie L. Libby, 152 Franklin street.

We are very grateful to Miss Sarah Chever, of Melrose

Highlands, for the gift of an old fashioned chair, which has been placed in the reading room. We would also thank all persons who during the past year have donated books or periodicals to the library or reading room.

The close of the present year rounds out a quarter century of our library's existence. It has grown and improved with the growth and improvement of our town. Many changes have taken place, none so radical, however, as the enforced change of location, made since our last annual report. The new quarters of the library, without doubt the best obtainable under the circumstances, and in some respects an improvement over the old, do not, and surely will not, with the rapid growth of our town, meet the requirements of a first-class library such as Melrose ought to have.

As a measure of economy and from a business standpoint it would be better for the town to have a library building it can call its own, be it a soldiers' memorial or what you will. The lease of our present quarters expires in the spring of 1900.

We trust the town will wait no longer for the appearance of some munificent benefactor, but in the early dawn of another century will awake to the necessity of providing a permanent home for its public library.

For the purchase of books and to pay the running expenses of the library the coming year, the trustees respectfully ask for an appropriation of \$1500 and the dog tax. For the rent of the library rooms, as per terms of the lease, an appropriation of \$1000.

Respectfully submitted,

GEORGE E. MUNROE, *Secretary.*

ELBRIDGE H. GOSS,
CHARLES C. BARRY,
RUBY F. FARWELL,

MARY L. CHARLES,
CHARLES A. PATCH,
GEO. E. MUNROE,

Trustees.

STATEMENT OF THE HORATIO NELSON PERKINS FUND
JANUARY 1, 1895, TO JANUARY 1, 1896.

CR.

By balance on hand January 1, 1895,	\$547 80
By interest from Melrose Savings Bank,	20 80
	\$568 60

DR.

To paid E. B. Hall, books,	\$30 00
To paid George Sheldon, books,	4 20
	\$34 20
Balance on hand,	
	\$534 40

STATEMENT OF THE WILLIAM EMERSON BARRETT FUND
JANUARY 1, 1895, TO JANUARY 1, 1896.

CR.

By balance on hand January 1, 1895,	\$72 24
By interest from Melrose Savings Bank,	2 90
	\$75 14

DR.

Balance on hand,	\$75 14
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STATEMENT OF THE WILLIAM BAILEY FUND
APRIL 8, 1895, TO JANUARY 1, 1896.

CR.

By amount rec'd. from Hannibal Forbes, execu- tor,	\$2,400 00
By interest,	60 00
	\$2,460 00

DR.

To amount loaned to town of Melrose, treasurer's note,	\$2,000 00
Balance on hand,	460 00
	\$2,460 00

LIBRARY REPORT.
CATALOGUE FUND.

CR.

By balance on hand January 1, 1895,	\$798 18
Fines collected by librarian in 1895,	76 93
From appropriation,	150 00
For desk and table sold,	30 00
Interest from Melrose Savings Bank,	34 37
	\$1,089 48

DR.

To amount paid Hammond Type Writer Co.,	\$101 00
To amount paid L. B. Wilder & Co., printing,	15 10
	\$116 10
Balance on hand,	\$973 38

Respectfully submitted,

CHARLES A. PATCH,

Treasurer.

STATISTICS FOR 1895.

Number of volumes in the library Jan. 1, 1895, .	10,616
“ “ purchased in 1895, . 480	
“ “ donated in 1895, . 13	
—	493
“ “ in the library Jan. 1, 1896, .	11,109
Number of persons using the library Jan. 1, 1895,	2,116
“ cards issued in 1895, . . 595	
“ “ relinquished in 1895, . 14	
—	581
Number of persons using the library Jan. 1, 1896,	2,697
“ volumes replaced in 1895, . . .	166
“ “ rebound in 1895, . . .	465
“ magazines bound in 1895, . . .	46
Largest number of books issued in one day, .	398
Smallest “ “ “ “ “ .	39
Largest “ “ “ “ month, .	3,891
Whole “ “ “ 1895, . .	36,276
“ “ “ sent to Highlands, .	1,446

Reading Room.

Number of persons using the reading room in 1894,	19,313
“ “ “ “ “ “ 1895,	18,461
Largest number of visitors in one month, . .	2,060
Smallest “ “ “ “ . .	1,194
Largest “ “ “ day, . . .	145
Books brought from library for use in reading room,	260
Books taken on teachers' card for school use, .	107

PERIODICALS IN READING ROOM.

- American Agriculturist.
American Architect and Building News.
Arena.
Around the World, Miss Mary L. Charles
Art Amateur.
Art Interchange.
Atlantic Monthly Magazine.
Century Monthly Magazine.
Chatauquan.
Cosmopolitan Magazine.
Critic.
Eclectic Magazine.
Engineering, Mr. W. H. Wiley.
Forest and Stream.
Forum Magazine.
Gartenlaube.
Harper's Monthly Magazine.
 " Bazar.
 " Weekly.
 " Round Table.
Kindergarten Magazine.
Land of Sunshine, F. A. Patten & Co.
Le Francaise.
Library Journal.
Life.
Lippincott's Magazine.
Littell's Living Age.
London Illustrated News.
Literary World.
Munsey's Magazine.
Nation.

North American Review.

New England Magazine.

Outing Monthly Magazine.

Overland Magazine.

Popular Science Monthly.

Popular Science News, . . . Miss Mary L. Charles.

Review of Reviews, . . . Mrs. Ruby F. Farwell.

Scientific American.

Scientific American Architect and Builder.

Scientific American Supplement.

Scribner's Monthly Magazine.

St. Nicholas Magazine,

The Book-buyer.

The Bookman.

PAPERS IN READING ROOM.

Charleston News and Courier.

Chicago Inter-Ocean.

Christian Register, . . . W. F. Conant.

Cincinnati Gazette.

London Weekly Times.

Ladies' Home Journal.

Louisville Weekly Courier-Journal.

Melrose Journal, . . . Charles H. Adams.

Melrose Reporter, . . . Dunton & Potter.

National Tribune, G. A. R.,

New York Tribune, Weekly.

Pilot.

San Francisco Call.

Springfield Republican, Weekly.

Woman's Journal, . . . Mrs. Mary A. Livermore.

Youth's Companion.

DONATIONS.

Books.

The Christian Ministry,	Rev. John G. Taylor.
Report of Mass. Board of World's	
Fair Managers,	Geo. R. Jones
Old Representative Hall,	"
Vanity Fair,	Mrs. A. E. Gates.
The Treasure Tower,	Miss Virginia W. Johnson.
Early History of Department Mass.	
G. A. R.,	Ass't Adjutant Gen. H. O. Moore.
Animal's Rights,	Mrs. Abby A. Judson.
Black Beauty,	"
Our Gold Mine at Hollyhurst,	"
The Strike at Shane's,	"
Suggestions to Hospital and Asylum Visitors,	A Friend.
History of Emblem of the Codfish	
in House of Representatives,	State.
Acts and Resolves of Mass., 1895,	"

Pamphlets

Number of pamphlets in library, Jan. 1, 1895,	1,657
Annual Report of the Brockton, Mass., Public Library,	1
" " " Brookline, " "	1
" " " Chelsea, " "	1
" " " Cleveland, O., " "	1
" " " Clinton, Mass., " "	1
" " " Concord, " "	1
" " " Everett, " "	1
" " " Holbrook, " "	1
" " " Hopedale, " "	1
" " " Leicester, " "	1

<i>Brought forward,</i>	1667
Annual Report of the Malden, Mass., Public Library,	I
“ “ “ Manchester, N. H., “	I
“ “ “ Medford, Mass., “	I
“ “ “ Newberry, Chicago, “	I
“ “ “ Newton, Mass., “	I
“ “ “ Quincy, “ “	I
“ “ “ Salem, “ “	I
“ “ “ Somerville, “ “	I
“ “ “ Springfield, “ “	I
“ “ “ Waltham, “ “	I
“ “ “ Warren, “ “	I
“ “ “ Watertown, “ “	I
“ “ “ Winchester, “ “	I
“ “ “ Woburn, “ “	I
“ “ “ Worcester, “ “	I
Fourth Annual Report of Trustees of Public Reservations,	I
Report of American Humane Association on Vivisection in Schools,	I
Annual Report of the Committee of the Indian Rights Association,	I
The Tufonian,	12
Official Gazette of the U. S. Patent Office, . . .	52
Mass. Charitable Mechanic Asso. Centennial An- niversary,	I

 1,751

CARRIE M. WORTHEN,

Librarian.

REPORT

OF THE

BOARD OF ENGINEERS

OF THE

MELROSE FIRE DEPARTMENT,

FOR THE

YEAR ENDING DECEMBER 31, 1895.

MELROSE:

DUNTON & POTTER, PRINTERS, REPORTER OFFICE.

1896.

Report of Engineers of Fire Department.

To the Honorable Board of Selectmen :

GENTLEMEN:—We herewith submit our annual report for the year ending December 31, 1895, giving in detail the force and apparatus, a record of fires and alarms which have occurred during the year, with losses and insurance of property, as near as could be ascertained, and other information relating to its efficiency, with necessary recommendations.

We also take pleasure in congratulating your honorable board and the citizens of Melrose on the continued small loss of property. Our present department has been prompt in its efficiency, and has continued its past record.

APPARATUS.

The apparatus of the department consists of one steam fire engine; one hook and ladder truck, carrying 228 feet of ladders; one supply wagon; two hose wagons, carrying 1000 feet of hose each; two four-wheel hose carriages, carrying 650 feet of hose each.

FIRE ALARMS.

During the past year there have been added three new boxes, located as follows : Box 36, corner Myrtle and Herbert streets; box 56, corner Franklin street and West Hill avenue; box 68, corner Third street and Waverly avenue. The system as it now stands consists of three strikers, one gong, six tappers, twenty-eight boxes, one indicator and twenty-seven miles of wire.

HOSE.

There is now in use in the department 6500 feet of hose.

HOUSES.

The number of houses in the department is five, as follows: Central fire station, on Main street, occupied by a steamer and hose wagon; room under Masonic Hall, occupied by Hose 2; building on Franklin street, occupied by Hose 3; building on East Foster street; occupied by Hose 4; room in basement of Town Hall, occupied by Hook and Ladder Co. No. 1.

HORSES.

The number of horses owned by the town is four. Three are located in the Central fire station, and one at the Highlands hose house. There are four call horses for hose 2, 4, and hook and ladder truck No. 1.

HYDRANTS.

There are at present two hundred and twenty (220) hydrants, eight (8) having been added during the past year.

IMPROVEMENTS.

There have been added to the department, one horse and permanent driver for hose 3, whose house has been remodeled to accommodate the same, and a permanent driver for the hook and ladder truck.

OFFICERS AND MEMBERS.

ENGINEERS.

A. W. Lynde, Chief.

Albion W. Parker, 1st Asst.

Samuel Lear, Clerk,

STEAMER CO. NO. 1.

Captain, J. M. Holbrook.

Lieutenant, J. W. Emerson.

Clerk, W. C. Sargent.

Hosemen.

T. J. Hawkes,

George E. Burnham,

T. B. Stantial,

C. F. Woodward,

A. L. Upham,

D. H. Woodward.

C. N. Shute.

Engineman, J. H. Edwards.

Stoker, C. F. Edwards.

Drivers.

Stephen Bartlett,

D. F. Stockwell.

HOSE CO. NO. 2.

Captain, J. R. Gibbons.

Lieutenant, R. Gibbons, Jr.

Clerk, H. W. Simpson.

Steward, C. B. Thompson.

Hosemen.

W. F. Phipps,

C. F. Doherty,

W. M. Cotting,

J. R. Hamlin.

HOSE CO. NO. 3.

Captain, Albert Walton.

Lieutenant, Theron Porter.

Clerk, Albert E. Day.

Hosemen.

Frank E. Morton,

John C. Black,

Heustis E. Adams,

Joseph Hebblethwaite.

Driver, Leverett D. Newhall.

HOSE CO., NO. 4.

Captain, A. J. Burnett,	Lieut., E. McKinnon,
Clerk, E. M. Russell,	Steward, C. J. Chritchett,
Hosemen.	

Frank B. Johnson,	George Russell,
Wm. Carney,	Frank W. Johnson,
James Armstrong,	V. Vaughan,

HOOK AND LADDER CO., NO. 1.

Captain, Joseph Edwards,	Lieutenant, D. O. Parker,
Clerk, Daniel E. Gibson,	
Laddermen.	

C. S. Gordon,	F. H. Tyzzer,
W. H. Stewart,	W. E. Johnson,
W. A. Lynde,	Harry S. Robertson,
J. Tyzzer,	Harry Norton,
William Armstrong,	Dexter Wiswell,
Andrew McDonald,	
Driver, Robert Whidden.	

LABOR PERFORMED ON THE HIGHWAYS BY THE
FIRE DEPARTMENT.

215 hours sprinkling streets at the Highlands.
 22 days ploughing sidewalks, one horse and man.
 150 days sprinkling streets, four horses and two men.

RECOMMENDATION.

We would recommend the appropriation of nine thousand three hundred (\$9,300) for the ensuing year.

FIRES.

Jan. 28 ; time 11.35 a. m.; box 42 ; house on Waverly avenue ; owned and occupied by Andrew J. Burnett ; value of building and contents, \$3,500 ; insurance upon building and contents, \$2,200 ; insurance paid upon building and contents, \$2,000 ; caused by overheated pipe.

Feb. 6 ; time 12.53 a.m.; box 32 ; house on Florence street ; owned and occupied by Andrew Gibson ; value of building and contents, \$3,800 ; damage upon building and contents, \$22 ; insurance upon building and contents, \$3,150 ; insurance paid upon building and contents, \$22 ; caused by overheated stove.

Feb. 6 ; time 1.37 a. m. ; box 54 ; house on Ashland street ; owned and occupied by Chester F. Steele ; value of building and contents, \$6,000 ; damage upon building and contents, \$3,857 ; insurance upon building and contents, \$4,000 ; insurance paid upon building and contents, \$2,857 ; caused by overheated stove.

Feb. 6 ; time 2.15 p. m. ; box 42 ; schoolhouse on Upham street ; owned by Town of Melrose ; value of building and contents, \$11,000 ; damage upon building and contents, \$448 ; insurance upon building and contents, \$7,648.52 ; insurance paid upon building and contents, \$448 ; caused by defective chimney.

March 4 ; time, 10.45 p. m. ; box 52 ; building on Highland avenue, owned by Geo. Darling ; unoccupied ; value of building, \$5,500 ; damage on building, \$425 ; insurance upon building, \$4,000 ; insurance paid on building, \$425 ; cause, drying plastering.

March 19 ; time, 6 p. m. ; box 57 ; house on Rockland terrace, owned by Janet Marshall ; unoccupied ; value of building, \$3,000 ; damage on building, \$25 ; insurance upon building, \$2,500 ; insurance paid on building, \$15 ; cause, sparks from blasting rocks.

March 22 ; time, 6.02 p. m.; box 46 ; false alarm.

May 15 ; time 9.08 a. m., box 32 ; building corner Main and Grove streets : owned and occupied by Friend Brothers ; value of buildings and contents, \$12,000; insurance upon buildings and contents, \$9,000 ; damage, none ; caused by kerosene stove.

May 21 ; time, 11.42; box 56; house on West Hill avenue, owned by C. W. Cook ; occupied by J. Bailey ; value of buildings and contents, \$3,400 ; damage on building and contents, \$300 ; insurance on building and contents, \$2,500 ; insurance paid on building and contents, \$25 ; accidental.

May 31 ; time 10.30 a. m.; box 39 ; house on Washington street, owned and occupied by W. C. Sargent ; value of building and contents, \$3,000 ; damage upon building and contents, \$53.50 ; insurance upon building and contents, \$2,400 ; Insurance paid upon building and contents, \$53.50; caused by parlor matches.

June 6 ; time 3.28 a. m.; box 54 ; house on Ellsworth avenue ; owned by W. G. Doe ; occupied by William Shorley ; value of building and contents, \$5,300; damage upon building and contents, \$921.75 ; insurance upon building and contents, \$2,500 ; insurance paid upon building and contents, \$921.75 ; caused by spontaneous combustion.

June 17 ; box 32 ; brush fire on Sylvan street.

June 28 ; time 8 p. m.; box 54 ; house, on Melrose street; owned by John A. Schoelch ; occupied by John A. Schoelch ; value of building and contents, \$4,200 ; damage on building and contents, \$190 ; insurance on building and contents, \$4,200 ; insurance paid on building and contents, \$161.75 ; caused by chemical explosion.

July 4 ; time 7.20 p. m. ; box 61, false alarm.

July 19; time 6.15 p. m. ; box 54 ; tool-house on Highland avenue ; no loss.

Aug. 15 ; time 9.33 p. m., ; box 36 ; buildings on Foster

street ; owned by Alice M. Foss ; occupied by A. E. Keen and others ; value of building and contents, \$5,975 ; damage on building and contents, \$5,325 ; insurance on building and contents, \$3,850 ; insurance paid on building and contents, \$3,275 ; cause, sparks from locomotive.

Sept. 12 ; time 2.58 p. m. ; box 51 ; building on Howard street, owned by Anthony Lux ; occupied by Anthony Lux ; value of building and contents, \$750 ; damage upon building and contents, \$420 ; insurance upon building and contents, \$450 ; insurance paid upon building and contents, \$420 ; cause, smoking.¶

Sept. 25 ; time 12.50 a. m. ; box 48 ; building on Tremont street, owned by S. E. Benson ; occupied by Herbert Wheaton and others ; value of building and contents, \$2,600 ; damage upon building and contents, \$1,500 ; insurance upon building and contents, \$1,475 ; insurance paid upon building and contents, \$946 ; cause, supposed incendiary.

Oct. 4 ; time 12.47 p. m. ; box 32 ; building on Faulkner Place ; owned by S. E. Benson ; no loss.

Oct. 17 ; time 9.30 a. m. ; house on Chestnut street ; owned by Mr. Leland ; occupied by S. Howe ; caused by kerosene lamp explosion ; no loss.

Dec. 24 ; time 3.02 p. m. ; box 32 ; house on Maple street ; owned and occupied by M. Murphy ; caused by burning out chimney ; no loss.

Total value, \$70,025.00 ; total damage, \$16,417.25 ; total insurance, \$49,783.00 ; total insurance paid, \$11,795.00 ; total loss, \$4,622.25.

A. W. LYNDE,
ALBON W. PARKER,
SAMUEL LEAR,

Board of Engineers.

REPORT OF THE BOARD
OF
WATER COMMISSIONERS

OF THE
TOWN OF MELROSE, MASS.,

FOR THE
FINANCIAL YEAR ENDING DECEMBER 31, 1895.

MELROSE:
DUNTON & POTTER, PRINTERS, REPORTER OFFICE.
1896.

TOWN OF MELROSE, MASS.

WATER DEPARTMENT.

COMMISSIONERS :

GEORGE J. BICKNELL.

GEORGE L. MORSE.

CURTIS C. GOSS.

REGISTRAR :

LEVI S. GOULD.

SUPERINTENDENT :

JAMES W. RILEY.

PUMPING STATION :

CHARLES F. CHURCHILL, ENGINEER.

REPORT OF THE WATER COMMISSIONERS

FOR THE

YEAR ENDING DECEMBER 31, 1895.

The twenty-sixth annual report of the board of water commissioners of the town of Melrose, also reports of water registrar, superintendent and engineer, are hereby respectfully submitted.

The important items of interest which have transpired during the year are as follows:

The renewal of the contract with the Middlesex Fells Spring Company, which your board concluded by a vote of April 16th under the authority placed with them by a vote of the town, at which time we stipulated the amount to be pumped should not exceed five hundred thousand gallons daily.

We are pleased to note that the quality of the water now being received is fully up to the standard, as shown by the reports of the State Board of Health herewith, which are given in detail as being matters of public interest.

COMMONWEALTH OF MASSACHUSETTS.—State Board of Health.

WATER ANALYSIS.

(PARTS IN 100,000.)

No.	Date of collection.	Date of examination.	APPEARANCE.			ODOR.		Total residue on Evaporation	AMMONIA.		Chlorine.	NITROGEN AS		Oxygen consumed.	Hardness.	Iron.	REMARKS.
			Turbidity.	Sediment.	Color.	Cold.	Hot.		Free.	Total Albuminoid.		Nitrates.	Nitrites.				
13,957	1895 March 11	12	Very Slight.	Slight.	0.05	None.	None.	10.30	.0016	.0054	1.17	.0520	.0001	.1478	4.3	.0050	Tubular Wells.
14,473	June 14	15	Very Slight.	Slight.	0.08	None.	None.	13.80	.0000	.0026	1.49	.0450	.0001	.0741	6.4	.0190	
14,557	July 1	1	None.	None.	0.10	None.	None.	13.30	.0000	.0044	1.26	.0830	.0000	.1556	5.9	.0100	Well. Tap,
15,165	Sept. 13	13	None.	None.	0.03	None.	None.	15.80	.0000	.0022	1.68	.0780	.0002	.0039	8.4	.0030	Whittier's Wells.
15,707	Dec. 9	11	None.	None.	0.04	None.	None.	13.80	.0004	.0034	1.50	.0730	.0005	.0663	7.3	.0080	Tap.

The consumption of water during the year 1895 approximates 309,780,852 gallons, of which Spot Pond has furnished, according to the engineer's statement of water pumped, 151,946,352 gallons and the Middlesex Fells Spring Company 157,834,500 gallons, for which we have paid to that company, as per report, the sum of \$10,883.96, of which \$75.54 was a balance from 1894 unsettled. This is a tremendous burden for the department to struggle under and so materially reduces our income that but little can be laid aside for the sinking fund; hence we look forward with pleasure to the time when the Metropolitan system shall become a matter of use, which we hope may materially add to our surplus through reduced expenditures.

METERS.

Early in the year your board concluded that the time had arrived to meter all green-houses, motors, hotels, large stables, factories, bakeries, laundries and certain stores and blocks, on account of an excessive use of water by some and the difficulty of ascertaining by any other just and reliable method the amount actually consumed. The meters now in use are 56, consisting of 1 Gem, 2 Thomson, 4 Hersey, 10 Crown and 39 Nash. They are set at the following places, viz:

Stables.—Harry Stevens, Frost & Hawes, Lynn & Boston railroad, S. E. Benson, J. S. Austin, C. B. & F. H. Goss, B. B. Hall (2 meters), W. E. Keating, W. W. Boardman, R. Philpot, T. Norris, A. J. Twombly, W. B. Ellis, Fells Ice Co.

Factories.—Boston Rubber Shoe Co., Chesterton, New England Moulding Co.

Motors. — Baptist church, Highland Congregational church, Universalist church, Othodox church, Dr. Morse, Dr. Hill, Friend Bros., Masonic Hall, Frost and Hawes.

Hotels.—Atwood House, Granville, Langwood.

Stores and Blocks.—H. E. Wiley, D. H. Bigelow, A. E. Rogers (2), G. W. Chipman (2), J. A. Dill (3), A. E. Porter.

Greenhouses.—C. Casey, D. L. Taylor, J. Geist.

Laundries.—John Linn, C. Quonthing, G. E. Young, C. G. Sing, Moy Bow, Cutler & Co., S. W. Sing.

Cemetery.

Boarding Houses.—Aldine.

Club Rooms.—Young Men's Christian Association, Melrose Athletic Club.

Farms.—Henry Lynde.

Catholic church.

In addition to the foregoing we have placed a 2-inch Nash meter at the High School building for the purpose of ascertaining how much water was used in running the motor at that school for purposes of ventilation. In about fifteen weeks the register indicated 111,960 gallons used by that schoolhouse for the motor alone.

We now require a deposit from all those wishing us to lay services on private premises and to cover the use of water by masons and others, which insures the town against loss.

On account of the building of the Central fire station, we were obliged to vacate the land in the rear of the Town Hall where our pipe and castings were stored, and hired the vacant lot adjoining for the sum of one hundred dollars (\$100) per annum.

The business of putting in service pipe has been in excess of any other year; there having been laid during the year two hundred and twenty-nine (229) services. The detail of the number of feet of main and service pipes is as follows:

Number of feet of main pipe laid in 1895,	.	.	7,722
“ “ service pipe “ “	.	.	9,309
“ new hydrants set, “ “	.	.	8
“ new gates set,	.	.	22

This has also been a banner year for collections, the registrar having received the largest amount ever turned into the treasury by an excess of over four thousand dollars, (\$4,000). The amount to go to the sinking fund this year, is \$3,907.18, as against \$427.26 in 1894 ; a gain of \$3,479.92.

We regretted exceedingly to receive the resignation of our registrar, Mr. E. H. Goss, early in the year, to take effect April 1st, being one who has served the town for many years honorably, but who, owing to increase of business in other lines, felt obliged to relinquish the position. We were gratified to be able to place Hon. Levi S. Gould in the position as his successor. The results of his labor in this office have been exceedingly satisfactory.

The condition of affairs that existed during the past year relative to sewers, necessitating an extraordinary outlay, still continues and cannot be overcome until the sewers are completed.

Iron pipes have been substituted for cement lined in all cases, using the large pipe necessary to supply the demand, necessitating an increase in expense and a consequent reduction in the amount of money we expected to pay to the sinking fund commissioners.

We have endeavored to impress upon the inhabitants of Melrose the importance of economy in the use of water. It is an alarming state of affairs to note that we are one of the largest consumers of water in the Commonwealth, which results from carelessness or abuse of the privileges that are accorded us, and also from the constant breakages in places where sewers have been laid, causing oftentimes a loss of thousands of gallons of water before the break can be repaired.

SPOT POND.

The supply of water in Spot Pond has constantly increased on account of the limited amount which each of the three municipalities are taking from that source. As a result the pond has remained at a higher point than for several years.

We desire to recommend that the town appropriate the sum of four thousand dollars (\$4,000) for town use.

Respectfully submitted,

GEORGE J. BICKNELL,

GEORGE L. MORSE,

CURTIS C. GOSS.

Water Commissioners.

Report of Water Registrar

OF THE TOWN OF MELROSE, FOR THE YEAR 1895.

To the Board of Water Commissioners:

GENTLEMEN:—The following is a report of details for year 1895.

RECEIPTS.

Received for water rates, lime and sum-	
mons account,	\$37,217 50
Received for service pipes, and other work, .	3,835 65
	\$41,053 15
Paid Geo. Newhall, treasurer,	\$40,876 51
Refunded,	176 64
	\$41,053 15

DISBURSEMENTS.

Bills approved by the water commissioners and paid by the town treasurer:

Stock account—Stock purchased,	\$9,901 42
Labor on same,	362 95
Maintenance—Sundry bills, labor and salaries, .	20,786 11
Construction—Labor on construction and street	
services,	3,294 65
	\$34,345 13

STATEMENT FOR SINKING FUND.

INCOME.

From water rates, lime and summons account,	\$37,217 50
Less amount refunded.	176 64

\$37,040 86

LESS.

Interest on bonds, from town treasurer's books,	\$10,100 00
Maintenance—Sundry bills, labor and salaries,	21,184 72
Maintenance—Stock used	1,171 64
Allowed Frank L Allen	254 53
“ A. W. Bryne, .	365 88
“ C. W. Cook,	
\$75-\$18.09 „	56 91
	\$33,133 68
Surplus,	\$3,907 18
Gain over 1894: \$3,907.18-\$427.26=	\$3,479.92

MAINTENANCE.

American Express Co., expressage,	\$3 95
Anderson, G. P., steam and water supplies,	91 68
Avery, J. Q. A., right of way for service pipe,	5 00
American Steam Guage Co., repairs,	7 00
Ames Plow Co., repairs on barrows,	9 00
Benson & Co., S. E., coal and wood,	1,213 27
Bugbee & Barrett, supplies,	11 75
Brock Bros., repairs, etc.,	27 08
<i>Amount carried forward,</i>	\$1,368 73

<i>Amount brought forward,</i>	\$1,368 73
Boston & Maine R. R. Co., freight bills,	37 53
Braman, Dow & Co., steam and water fittings,	13 84
Belknap & Co., rubber stamps,	1 85
Bonett, A. J., filing saws,	95
Bufford Engraving Co., engraving bonds,	40 00
Barry, F. W., Beale & Co., blank books,	65
Boston Rubber Shoe Co., hip boots for men work- ing in water trenches,	11 25
Burnett & Co., repairs on gas pipes,	1 46
Bicknell, Geo. J., salary as water com'r,	50 00
Chapman Valve Co., repairs on valves,	18 76
Chase, O. R., use of horse,	9 00
Curry, R. H., repairs,	1 00
Churchill, C. F., salary as engineer,	900 00
“ “ police duty at Spot Pond,	80 00
“ “ sundry items of expense,	7 62
Chandler, L. E., work on horse,	3 00
Coffin Valve Co., repairs,	11 24
Deering, J. P. & Co., lumber,	65 83
Ditmar, Geo. L., firewood,	3 50
Dunton & Potter, printing,	31 00
Edson Mfg. Co., repairs, etc., on pump,	22 77
Eastman's Express, expressage,	73 40
Ellis, Mary D., rent of stable,	45 00
Edwards, Jos., wheelwright work,	12 35
Ellis, Fred E., rent of boiler, etc.,	5 00
Ellison, C. W., postmaster, postage stamps,	20 00
Ellison, Coolidge & Co., accident insurance pre- mium,	210 00
Frost & Hawes, sundries supplies,	25 51
Frost, Oscar F., rent of shop,	40 00

Amount carried forward, \$3,111 24

<i>Amount brought forward,</i>	\$3,111 24
Goodno, W. A., carpenter work,	21 75
Gallison, W. H., pipe fittings,	2 67
Guiney, L. J.,	10 00
Goss, E. H., salary as registrar, to April 1,	200 00
“ “ sundry supplies,	6 83
“ “ insurance premium,	12 50
Gibbons, Joseph, brick work at pond,	3 25
Goss, C. C., salary as water commissioner,	50 00
Gould, Levi S., salary as registrar, 9 months,	600 00
“ “ sundries,	03
Hersey Mfg. Co., repairs on meters,	9 50
Hoffman, C. L., concreting,	3 30
Haley & Co., E. L., shovels and picks,	28 10
Hebblethwaite, J. W., repairs,	50
Highway Dept., Melrose, repairing streets,	150 00
Johnson, J. B., repairing harness,	85
Knowles Pump Works, repairs,	9 50
King & Merrill, stationery and books,	18 35
Keating, W. E., hay and grain,	52 39
Ludlow Valve Co., repairs,	1 10
Larrabee & Stearns, veterinary medicines,	1 40
Lane, Addison, rent of shop,	90 00
Maynard, W. M., pens,	1 50
Malden & Melrose Gas Light Co., gas fixtures,	14 75
Morse, Geo. L., salary as water commissioner,	50 00
Martin & Son, Jas., horse blanket,	9 00
Morse & Son, A. J., hose,	4 20
McLane, J. B., pung,	35 00

Amount carried forward. \$4,497 71

<i>Amount brought forward,</i>	.	.	.	.	\$4,497	71
Middlesex Fells Springs Co.,	.	.	.	.		
107,232,825 gallons @ 7½c.,	.	.	.	\$8,042	52	
23,582,375 " " 6c.,	.	.	.	1,414	94	
27,019,300 " " 5c.,	.	.	.	1,350	96	
157,834,500 gallons in 1895,	.	.	.	\$10,808	42	
1,258,023 " at 6c. in 1894,	.	.	.	75	54	10,883 96
Maclachlan, A. L., repairs, harness, etc.,	.	.	.		45	45
Melrose Journal, printing,	.	.	.		33	63
McCoubry, Thos., blacksmithing,	.	.	.		146	66
McCartney's Sons, J.,	.	.	.		2	00
New England Telephone Co., use of telephones,	.	.	.		228	49
National Pipe Bending Co., water heater,	.	.	.		36	00
Neff, Robert W., black enamel,	.	.	.		1	50
National Meter Co., repairs,	.	.	.		5	25
Oaks, Mrs. J. A., damages from main pipe,	.	.	.		5	00
Parker, Albon W., paint,	.	.	.		4	24
Perry, H. J., hardware,	.	.	.		41	57
Phillipps & Hodgdon, coal,	.	.	.		45	00
Perrin, Seaman & Co., packing,	.	.	.		24	05
Rennslaer Mfg. Co., valves,	.	.	.		17	34
Riley, Jas. W., boarding horses, etc.,	.	.	.		67	54
" " salary one year,	.	.	.		1,100	00
Sewer Department, Melrose, for pipe,	.	.	.		41	67
Sampson, Geo. H., dynamite,	.	.	.		37	30
Scribner, S. M., hardware,	.	.	.		2	20
Smith Bros., grinding tools, etc.,	.	.	.		2	10
Stevens, W. C., surveying,	.	.	.		12	00
Sayward, Sam'l, axes, hatchets, etc.,	.	.	.		6	00
Simpson, W. M., doctoring horse,	.	.	.		3	00
Spear, Charles C. J., rent for storage pipes,	.	.	.		59	95
<i>Amount carried forward,</i>	.	.	.	.	\$17,349	61

<i>Amount brought forward,</i>	\$17,349 61
Stratton, D. D., rent for storage pipes,	25 00
Thorp & Martin Co., books and stationery,	24 50
Tyzzar, F. H., wheelwrighting and repainting wagons,	13 00
Walworth Mfg. Co., pipe fittings and tools,	48 14
Whitney, F. E., machinist work,	32 80
Westgate & Johnson, insurance premium,	27 25
Wilder & Co., L. B., printing water bills, etc.,	41 25
	\$17,561 55
Sundry laborers,	3,224 56
From stock account; stock used in repairing leaks, service pipes, resetting hydrants, street boxes and general repairs,	1,541 46
	\$22,327 56

CONSTRUCTION.

Cost of construction as per report of January 1, 1895,	\$361,035 33
Cost of stock for construction during the year • 1895,	\$3,934 71
Amount paid sundry laborers on same,	1,985 54
Cost of stock for street services,	1,153 10
Amount paid sundry laborers on same,	1,309 11
Cost of works Jan. 1, 1896,	\$369,417 79

STOCK.

Stock on hand Jan. 1, 1895, as per report, . . . \$8,991 53

Stock Purchased of

Ames Plow Co., wheelbarrows, etc.	\$24 13
Benson & Co., S. E., cement, etc.,	24 75
Chapman Valve Co., hydrants, etc.,	573 46
Chadwick Lead Works, lead, etc.,	518 77
Cunningham Co., J. H., pipe, etc.,	315 49
Coffin, R., desks,	40 00
Davis & Farnham Co., cast iron pipe,	4,950 59
Fitz, Dana & Co., iron, etc.,	9 68
Fells Reservation, fire wood,	7 50
Lead Lined Iron Pipe Co., service pipe,	1,203 66
Morgan Co., A. W., service boxes,	130 50
Morse & Son, A. J., hose,	10 00
National Meter Co., meters,	985 85
Osgood & Hart, castings,	253 56
Philpot, Robert, teaming pipe,	116 07
Standard Brass Co., stop cocks, etc.,	169 58
Scrannage Bros., stop cocks, etc.,	567 83

\$9,901 42

Nominal value of stock on hand Jan. 1, 1895, as
per report of registrar, less stock used, as
follows : \$8,991 53

\$18,892 95

For maintenance,	\$1,541 46
construction,	3,934 71
street services,	1,153 10

Balance being nominal value of stock on hand
Jan. 1, 1896, which includes tools, fixtures,
horses, wagons, office furniture, etc. . . . \$12,263 68

WATER TAKERS JANUARY 1, 1896.

Families,	2,977
Stores and shops,	150
Motors,	11
Boarding houses,	2
Hotels,	2
Churches,	10
Manufactories,	4
Greenhouses,	3
Laundries,	7
Railroad stations,	4
Club houses,	4
Horses,	421
Cows,	64
Farm,	1

TOWN.

Town Hall, thirteen school houses, five hose houses, one engine house, thirteen stand pipes, two ornamental fountains, four drinking fountains.

Respectfully submitted,

LEVI S. GOULD,

Water Registrar.

REPORT OF THE SUPERINTENDENT.

To the Board of Water Commissioners:

GENTLEMEN:—In accordance with the usual custom, I herewith submit my annual report :

THE POND.

The following record will show the condition of the pond during the year. The lowest point, January 5 and 6, and not over the dam during the year.

RECORD.

Rise and fall of pond in 1895.

Jan.	1	86 $\frac{1}{4}$	in. below high water mark.		
	10	86 $\frac{1}{4}$	in.	"	"
	20	78 $\frac{1}{4}$	in.	"	"
	31	72 $\frac{1}{4}$	in.	"	"
Feb.	10	72 $\frac{1}{8}$	in.	"	"
	20	72 $\frac{3}{4}$	in.	"	"
	28	73 $\frac{3}{4}$	in.	"	"
Mar.	10	67	in.	"	"
	20	52 $\frac{3}{4}$	in.	"	"
	31	48	in.	"	"
April	10	42 $\frac{1}{4}$	in.	"	"
	20	31 $\frac{1}{2}$	in.	"	"
	30	30	in.	"	"
May	10	29	in.	"	"
	20	28 $\frac{1}{2}$	in.	"	"
	31	29 $\frac{3}{4}$	in.	"	"

June	10	33	in. below high water mark.		
	20	39	in.	"	"
	30	38½	in.	"	"
July	10	41¾	in.	"	"
	20	44¾	in.	"	"
	31	49¼	in.	"	"
Aug.	10	50¾	in.	"	"
	20	54½	in.	"	"
	31	59⅝	in.	"	"
Sept.	10	64¾	in.	"	"
	20	68¾	in.	"	"
	30	74¼	in.	"	"
Oct.	10	79¾	in.	"	"
	20	62½	in.	"	"
	31	64¼	in.	"	"
Nov.	10	51	in.	"	"
	20	39¼	in.	"	"
	30	28½	in.	"	"
Dec.	10	26¼	in.	"	"
	20	26¼	in.	"	"
	31	22	in.	"	"

COMPARATIVE RECORD.

Showing the lowest points below high water mark to which the pond has been drawn since 1874.

1874—Lowest point, 43 inches, Dec. 7.

1875—Lowest point, 61 inches, Feb. 22. Pond full, June 23.

Next lowest point, 33 inches, Nov. 10.

1876—Lowest point, 37 inches, Nov. 6. Pond full, March 25.

1877—Lowest point, 33 inches, Sept. 30. Pond full March 15.

1878—Lowest point, 27½ inches, Nov. 13. Pond full Jan. 15.

Pond full, second time, Dec. 14.

1879—Lowest point, 45 inches, Dec. 20. Pond full and running over at waste-way from Jan. 4 to May 20.

- 1880—Lowest point, $63\frac{1}{4}$ inches, Dec. 30; highest point, May 10; being then twelve inches below high-water mark.
- 1881—Lowest point, 65 inches, Jan. 8, at which time the water was down to the top of the pipe at the gate house; commenced pumping and continued until Jan. 22. The pump was started again Feb. 6 and run until Feb. 13. Pond full and running over from March 22 to April 30. Next lowest point, 32 inches, Dec. 22.
- 1882—Lowest point, $37\frac{1}{2}$ inches, Dec. 21. Pond full and running over at waste-way, from March 3, to April 3.
- 1883—Lowest point, 82 inches Dec. 30. The highest point reached was 15 inches below high-water mark, May 30. Commenced pumping Sept. 23, and continued to pump to Dec. 31.
- 1884—Lowest point, $82\frac{1}{2}$ inches, Jan. 1. Pond full and running over from April 16 to May 10. Next lowest point, $40\frac{1}{4}$ inches, Nov. 23.
- 1885—Lowest point, $42\frac{1}{2}$ inches, Oct. 31. The highest point reached on May 24, when it was $2\frac{1}{2}$ inches below high-water mark.
- 1886—Lowest point, 55 inches, Nov. 10. Full pond, running over at water-way from Feb. 14 to April 26.
- 1887—Lowest point, $41\frac{3}{4}$ inches, Dec. 10. Full pond from March 20 to May 10.
- 1888—Lowest point, 38 inches, Feb. 17. Full pond from April 3 to June 2, and from Nov. 30 to Dec. 31.
- 1889—Lowest point, $14\frac{3}{4}$ inches, Oct. 20. Full pond, running over water-way, Dec. 10.
- 1890—Lowest point, 39 inches, Oct. 10. Full pond, running over water-way, Jan. 10 to 30, March 10 to April 10, and May 10 to 30.
- 1891—Lowest point, $83\frac{3}{4}$ inches, Dec. 20. Full pond, running over water-way, Feb. 6 to April 26.

1892—Lowest point, 133 inches, Dec. 30. Has not run over water-way during the year.

1893—Lowest point, 148 inches, Jan. 10. Has not run over water-way during the year.

1894—Lowest point, 99½ inches, Nov. 5. Has not run over waterway during the year.

1895—Lowest point, 87½ inches, Jan. 5 and 6. Highest point, Dec. 31, 22 inches. Has not run over the water way during the year.

TABLE SHOWING LEVELS BELOW SPOT POND ROLLWAY.

Surveys made in 1884 by PERCY M. BLAKE, C. E., and
GEORGE H. BISHOP, C. E.

Below Rollway.	
Feet.	Reservoir 98 feet above rollway.
0.00	Rollway.
5.61	Lowest point on pipe line bet'n Woodland ave. and Ravine rd.
22.39	Summit of Ravine road, near Spring barrel in ground.
83.00	Northwest corner Ravine road and Washington street.
92.20	Intersection of Ravine road and Wyoming avenue.
97.19	Intersection of Trenton street and Wyoming avenue.
98.53	West rail Boston & Maine railroad at Wyoming station.
0.37	Piazza floor of C. S. Adams' house, on Wyoming hill.
99.62	Intersection Berwick street and Wyoming avenue.
91.56	Corner Main and Foster streets.
86.06	Fall from rollway to top of underpinning of Town Hall.
32.00	Sill of lower window of J. T. Chase's house, Cedar Park.
92.17	Intersection of Main and Essex streets.
41.09	Intersection of Upham street and Bellevue avenue.
13.78	Sill of Upham street schoolhouse.
18.00	In front of G. C. McFarland's house, Chipman avenue.
3.00	Top of hill, opposite G. C. McFarland's house.
73.00	Track of Boston & Maine railr'd, 100 ft. north of Franklin st.
18.00	Foundation of P. W. Curry's house, Orris street.
3.16	Doleful Pond above Spot Pond, Nov. 13, 1884.

HYDRANTS.

The hydrants have been thoroughly examined, cleaned and oiled during the year.

Eight new ones have been added and located as follows:

One on Goss avenue.

One on Hayward avenue.

One on Damon avenue.

One on Rockland street.

One on Richardson road.

One on Henry avenue.

One on Water street.

One on Pearl street.

22 GATES SET IN 1895.

One 4-inch on Dennis street.

One 4-inch on Hayward avenue,

One 4-inch on Gibbons street.

One 6-inch on Hawes avenue.

One 6-inch on Goss avenue.

One 6-inch on Farwell avenue.

One 2-inch on Burnett street.

One 6-inch on Damon avenue.

One 6-inch on Granite street.

One 4-inch on Mt. Vernon street.

One 4-inch on Tremont street, near Union street.

One 2-inch on Sylvan street, at Cemetery gate.

One 6-inch on Vista street.

One 6-inch on Water street.

One 6-inch on Vinton, cor. Maple street.

One 6-inch on Frost avenue.

One 6-inch on Henry avenue.

One 6-inch on Richardson road.

One 6-inch on Alpine street.

One 6-inch on Irving street.

One 6-inch on Pearl street.

One 6-inch on Main street, cor. Briggs street.

*Account Stock, Horses, Wagons, Harnesses, Furniture,
Fixtures, Etc., December 31, 1895.*

3	pieces	16 in.	cast iron pipe,	.	.	.	.	36 feet
5	"	14	"	"	.	.	.	60 "
147	"	12	"	"	.	.	.	1,764 "
9	"	10	"	"	.	.	.	108 "
17	"	8	"	"	.	.	.	204 "
456	"	6	"	"	.	.	.	5,472 "
18	"	4	"	"	.	.	.	216 "
5	"	16 in.	cement lined pipe,	.	.	.	.	45 "
5	"	10	"	"	"	.	.	40 "
28	"	6	"	"	"	.	.	224 "
		$\frac{3}{4}$	"	lead lined iron pipe,	.	.	.	792 "
		2	"	"	"	.	.	136 "
		$\frac{3}{8}$	"	lead pipe,	.	.	.	25 lbs.
		$\frac{3}{4}$	"	"	.	.	.	140 "
		2	"	"	.	.	.	160 "
3	pieces	16	"	branches, 4 way, 6 off,	.	.	.	2,385 "
1	"	12	"	"	3	"	10	378 "
1	"	12	"	"	3	"	.	420 "
1	"	12	"	"	4	way, 6 off	one way,	435 "
1	"	12	"	"	4	"	4	430 "
1	"	12	"	"	3	"	4	224 "
1	"	12	"	Y	"	10	"	495 "
1	"	12	"	Y	"	6	"	357 "
4	"	10	"	"	3	way, 6 off,	.	1,220 "
3	"	10	"	"	3	"	4	612 "
1	"	10	"	"	4	"	4	362 "
2	"	10	"	"	3	"	4	460 "

1	pieces	8 in. branches	3 way, 4 off,	.	.	120 lbs.
3	"	8 "	" 3 " 6 "	.	.	675 "
1	"	8 "	" 4 " 6 "	.	.	290 "
6	"	8 "	" 3 "	.	.	734 "
6	"	6 "	" 4 "	.	.	1,140 "
9	"	6 "	" 4 "	.	.	2,367 "
4	"	6 "	" 3 "	.	.	960 "
5	"	6 "	" 3 " 4 off,	.	.	840 "
3	"	6 " Y "	4 "	.	.	380 "
9	"	4 "	" 3 way,	.	.	950 "
1	"	4 "	" 4 "	.	.	160 "
3	"	16 "	bends,	.	.	2,280 "
1	"	8 "	"	.	.	365 "
14	"	6 "	"	.	.	1,900 "
2	"	4 "	"	.	.	74 "
4	"	12 in. to 10 in.	reducers,	.	.	780 "
2	"	10 "	8 "	.	.	284 "
1	"	10 "	6 "	.	.	98 "
3	"	8 "	4 "	.	.	.
3	"	16 "	cast iron sleeves,	.	.	732 "
3	"	14 "	" "	.	.	675 "
2	"	12 "	" "	.	.	420 "
1	"	10 "	" "	.	.	175 "
2	"	8 "	" "	.	.	220 "

1 12 in. check valve.

1 6 " check valve.

1 10 " gate.

3 8 " gate.

3 6 " gate.

6 4 " gates.

9 2 " unions.

15 2 " Ls.

3 2 " Ts.

5 2 " Ts $\frac{3}{4}$ off.

2 2 in. Ts 1 off.

40 2 " couplings.

8 2 " nipples.

2 2 " sol. nipples.

2 2 " plugs.

4 2 " bushings.

2 $1\frac{1}{2}$ " lever stops.

4 $1\frac{1}{2}$ " Ts.

5 $1\frac{1}{2}$ " Ls.

11 1½ in. Ls reduced to 1¼.	36 ¾ in. couplings
23 1½ " couplings.	18 ¾ " Ls.
3 1½ " plugs.	26 ¾ " Ls reduced to ½.
2 1¼ " T stops.	88 ¾ " nipples.
3 1¼ " lever stops.	61 ¾ " unions.
1 1¼ " valve.	31 ¾ " plugs. *
4 1¼ " Ts.	20 ¾ " bushings.
3 1¼ " Ts reduced to ¾.	16 ½ " T stops.
2 1¼ " unions.	13 ½ " lever stops.
12 1¼ in. Ls.	15 ½ " Ts.
28 1¼ " Ls reduced to 1 inch.	9 ½ " unions.
11 1¼ " couplings.	12 ½ " couplings.
24 1¼ " " reduced to 1 in.	8 ½ " Ls.
10 1¼ " nipples.	1 ½ " plug.
5 1¼ in. plugs.	4 ½ " bushings.
4 1¼ " bushings.	1 4 " hydrant.
2 1 " T stops.	4 4 " " to be repaired
27 1 " lever stops.	33 cast iron corporations.
45 1 " couplings.	25 4 in. corporation bands.
66 1 " " reduced to ¾.	13 6 " " "
38 1 " nipples.	2 8 " " "
32 1 " Ts.	2 ¾ " faucets.
18 1 " Ts reduced to ¾.	17 goose necks.
10 1 " unions.	12 seals for faucets.
18 1 " Ls.	2 gate boxes.
27 1 " Ls reduced to ¾.	1 meter box.
13 1 " sol. nipples.	180 service boxes.
8 1 " plugs.	36 service box tops.
4 1 " bushings.	28 10 in. shells for cement
4 ¾ " T stops.	pipe.
3 ¾ " lever stops.	254 6 in. shells for cement
51 ¾ " Ts.	pipe.
18 ¾ " Ts reduced to ½.	290 4 in. shells for cement
31 ¾ " couplings.	pipe.

170 $\frac{1}{2}$ in bolts.	4 pipe cutters.
1100 lbs. pig lead.	1 gasoline furnace.
1 $\frac{1}{2}$ bbls. cement.	1 force pump and guage.
300 lbs. jute packing.	1 Johnson pump.
15 lbs. solder.	1 Edson pump.
1 yard rubber packing.	1 grindstone.
15 lanterns.	2 vises.
10 globes.	7 soldering irons.
4 2 in dies.	1 battery and wires.
2 1 $\frac{1}{2}$ in. dies.	1 pair Howe scales.
5 1 $\frac{1}{4}$ in. dies.	6 sinking hammers.
11 1 in. dies.	2 ratchet wrenches.
7 $\frac{3}{4}$ in dies.	1 5 gal. kerosene can.
2 $\frac{1}{2}$ in. dies.	2 2 " " cans.
10 new picks.	1 1 " " can.
13 " pick handles.	2 oil cans.
18 old picks and handles,	1 diaphragm for Edson
24 shovels.	pump.
8 water pails.	6 gate wrenches.
2 2 in. die stocks.	3 stop "
3 $\frac{3}{4}$ in. die stocks.	1 heating stove.
1 24 in. Stillson wrench.	5 crowbars.
6 14 in. " wrenches.	3 mattocks.
2 pairs tongs.	3 stone hammers.
2 " chain tongs.	2 fire pots.
3 Monkey wrenches.	2 lead pots.
2 bit stocks.	2 tool chests.
1 1 in. bit.	1 derrick.
1 $\frac{3}{4}$ " "	4 hand hammers.
1 $\frac{1}{4}$ " "	4 Mandrel stakes.
1 Hall tapping machine.	3 rounding stakes.
1 ratchet and drill.	1 punching machine.
6 drills for Hall tapper.	1 set rolls.
8 packing boxes and drills.	2 hydrant wrenches.

2 horses.	2 trowels.
2 wagons.	4 hoes.
1 democrat wagon.	1 pair hand bellows.
1 tip cart.	2 yarning irons.
1 pung.	8 sets.
1 sleigh.	1 hand saw.
4 blankets.	25 ft. 2½ in. hose.
1 robe.	50 " ¾ " "
3 sets harnesses.	1 Knowles pump.
50 ft. rope.	1 feed "
5 gauges.	1 air pump at Whittier's.
2 sets blocks.	1 Gem 2 in. water meter.
1 10 in. Gem water meter on Ravine road.	
½ of a " " " " at Whittier's wells.	
3 ¾ meters at Spot Pond.	3 desks.
1 safe.	1 table.
1 clothes press.	
8 chairs and other furniture in the office; also books and stationery.	
1 ¾ meter.	
1 2 in. meter at High School building.	
56 meters in use.	

Also sundries used in construction on Gibbons street, Mount Vernon street and Mystic avenue not included in above but were on these streets when stock account was taken.

TOTAL AMOUNT AND LOCATION OF MAIN AND DISTRIBUTING PIPES TO PRESENT TIME.

STREETS.	FEET OF PIPE.							Hyd-rants.	GATES.						
	16-in.	14-in.	12-in.	10-in.	8-in.	6-in.	4-in.		16-in.	12-in.	10-in.	8-in.	6-in.	4-in.	2-in.
Adams Street.....						340		1						1	
Ainsworth Court.....							631	1						1	
Albion.....						115							1		
Alpine.....						265							1		
Appleton.....							222								
Appleton Court.....															
Ashburton Court.....								2						4	
Ashland.....						615	2,065						1		
Ashmont.....						182		1					1		
Ashmont Park.....							372								
Auburn.....							422							1	
Avon.....						400		1					2		
Bartlett.....															
Battery Place.....							150							2	
Batchelder.....							834	1						2	
Baxter.....						1,181	494	1					2	1	1
Beach Avenue.....						636	455	2							
Bellevue Avenue.....						1,416	1,026	4					2		
Belmont and Belmont Pl.							738							1	
Berwick.....							1,226	1						2	
Beverly.....						204	407								
Boardman Avenue.....						865		1						1	
Botoolph.....						292	847	2					2	2	1
Brazil.....							1,115	3							
Briggs.....						337									
Brunswick Park.....							673							1	
Burnett.....															1
Burrell.....							270								
Cass.....						582		1						1	
Cedar Park.....							1,206	1						2	
Charles.....						335	595	1							
Cherry.....							387							1	1
Chester.....							612							1	1
Chester.....							817	1						2	
Chestnut.....							225	1							
Chestnut Park.....															
Chipman Avenue.....							210								
Church.....							295	1							
Circuit.....							438								
Cleveland.....							1,065	1						2	
Clifton Park.....							390							1	

TOTAL AMOUNT AND LOCATION OF MAIN AND DISTRIBUTING PIPES TO PRESENT TIME.—Continued.

STREETS.	FEET OF PIPE.							Hyd- rants.	GATES.						
	16-in.	14-in.	12-in.	10-in.	8-in.	6-in.	4-in.		16-in.	12-in.	10-in.	8-in.	6-in.	4-in.	2-in.
Gooch.....							552							1	1
Goodyear Avenue.....					1,235		398	4						1	
Goss Avenue.....						513		2					2		
Gould.....						924		2					1		
Granite.....						209							1		
Green.....						2,700		3					3		
Greenwood.....							1,263	1							
Grove.....					447	2,540	2,523	3					1	2	1
Grove Court.....															
Grundy.....							162								1
Harvard.....						648	202								
Hawes Avenue.....						517							1	1	
Henry Avenue.....						510		1					1		
Herbert.....							8							1	
Hesseltine.....						84	158½								
Heywood Avenue.....						900		1							
Heywood Ave. Extension.....							8							1	
High.....							307							1	
Highland Avenue.....						699	376	1					1	1	
Highland Avenue E.....							406	1					2		
Hillside Avenue.....							440	1							
Holbrook Court.....						250	337	1					1	1	
Hopkins.....						535									
Howard.....						2,314	940	3						2	
Howie Court.....						235	217							1	
Hurd.....							768								
Ingralls Court.....							209						2		
Irving.....						620								2	
Lake Avenue.....							1,230	1							
Lebanon.....						4,375	3,550	5					3	5	
Linden.....						159	435	1							1
Linden Place.....															
Linwood Ave. and Lynde.....							3,776	2							
Lynde Avenue.....						552	42							5	
Main.....						2,751	1,272	13		6				7	
Malvern.....						1,110	701	3						3	
Maple and Poplar.....							380	2						3	1
McIrose.....							2,265½							5	
Meridian.....							2,449½	4							
Middlesex Fells Springs Co.....						1,536		2							
	36		730						2	1					

TOTAL AMOUNT AND LOCATION OF MAIN AND DISTRIBUTING PIPES TO PRESENT TIME.—Continued.

STREETS.	FEET OF PIPE.							Hyd- rants.	GATES.						
	16 in.	14-in.	12-in.	10-in.	8-in.	6-in.	4-in.		16-in.	12-in.	10-in.	8-in.	6-in.	4-in.	2-in.
Morgan.....						240								1	
Mountain Avenue.....						200	144	2						3	
Mt. Vernon Place.....							816							1	
Mt. Vernon Place.....							224							6	
Myrtle.....							2,230	3						1	
Mystic and Glen Ave.....						310	671	1							
Natalie Avenue.....						185								1	
North Avenue.....						835	202							1	
Oakland.....							1,161	1						2	
Orient Avenue.....							1,047	1					1		
Orient Place.....						263									1
Orris.....						1,179	1,268	2						4	
Otis.....						1,152	24	2						1	
Panama.....						112									
Para.....						268									
Park.....						1,526	4	2							
Parker.....								1					1		
Pearl.....						630									
Perham Court.....															
Perkins.....							236								
Pine.....							358	1							
Pleasant.....						617								1	1
Porter.....						1,205	2,514½	5					2	2	
Porter Street Court.....						225									
Pond to Wyoming Avenue.....															
Pond to Wyoming Avenue.....	3,810							2	2						
Pratt.....							378	1						1	
Prospect.....							1,026	1						1	
Pump to intersection.....								2							
Rockland.....						145	6	1			2				
Reading Hill Avenue.....						710		1							
Rendall Place.....								170							
Reservoir.....		96													
Rowe.....						63	1,331	3						4	1
Reservoir to Ravine Road.....			1,370							2					
Richardson Road.....						493	6	1					1		
Russell.....							706								
Sanford.....						816	6						1		
Sargent.....						485	900	2					1	1	
School.....						300		2							
Short.....							216							2	

TOTAL AMOUNT AND LOCATION OF MAIN AND DISTRIBUTING PIPES TO PRESENT TIME.—Continued.

STREETS.	FEET OF PIPE.							Hvd- rants.	GATES.								
	16-in.	14-in.	12-in	10-in.	8-in.	6-in.	4-in.		2-in.	1-in.	16-in.	12-in	10-in.	8-in.	6-in.	4-in.	2-in.
Sibley.....						145	810							1	3		
Sixth.....						425		108							1		
South Avenue.....						827											
Spear.....								164									
Spear Court.....						430											
Staples.....																	
Stevens Place.....							110	216									
Summer.....							961							2			
Summit Avenue.....							442							1			
Suction pipe, Pump'g sta'n			230														
Swain's Pond Avenue.....						1,740								3	1		
Sylvan.....						320								1			
Tappan.....						280									1	1	
Tenth.....							419								2		
Third.....						1,465		247						1	2	1	
Tremont.....							3,180	500						2	5	1	
Trenton.....						1,223											
Union.....							1,331½										
Upham.....							673							1	3		
Vine.....							5,581							6	3		
Vinton.....						4,817½		436						4	2		
Vista.....						348											
Walnut.....							187½								1		
Walton Park.....							1,447								1		
Warren.....							1,342								2		
Warwick Road.....							188										
Washington.....						3,160	1,756						3	2			
Water.....						120	8							1			
Waverley Place.....							690½								1		
West Hill Avenue.....						897	158										
Wheeler.....						60											
Whittier & Whittier's Wells						292					1						
Willow.....								663							1		
Winter.....							241								1		
Winthrop Place.....							520										
Winthrop.....						67	695½								2		
Woodland Avenue.....							630										
Wyoming Avenue.....							1,396							1	1		
Wyoming Park.....			3,360														
Waste Pipe.....						55	508							3	2		
York Terrace.....						740	51							2	1		
Youle.....							1,655½										
Y. M. C. A. Court.....									241								
	7,206	3,096	11013		4,842	81,359	103398½	11,823½	968	218	7	12	3	2	74	178	23

Total length of main and distributing pipes, 223,706 feet—42 37-100 miles.

PUMPING STATION.

The pumps, boilers and buildings are in good repair and have been well kept.

Respectfully submitted,

JAMES W. RILEY,

Superintendent.

ENGINEER'S REPORT.

MELROSE PUMPING STATION,

Dec. 31, 1895.

Board of Water Commissioners, Melrose, Mass.

GENTLEMEN :—I herewith submit to you my report for the year 1895, showing the number of gallons of water pumped in each month of each year, coal consumed while pumping, coal in banking, ashes removed, and lift, including friction : also coal used for heating purposes only.

1895.	Coal used while Pumping—lbs.	Coal used in Banking, lbs.	Gallons Water Pumped.	Duty foot lbs.	Lift—including friction and suction.—Feet.	Lbs. of Ashes removed.	Hours Running.
January .	8,300	3,600	3,769,704	52,230,800	138	2,864	46
February .	20,600	5,400	9,473,616	52,503,442	137	4,116	107
March . .	7,300	3,000	3,763,980	58,865,897	137	2,275	40
April . . .	7,500	2,400	3,240,648	48,543,000	135	1,694	42
May	19,800	5,700	10,475,388	59,072,659	134	3,797	115
June	41,500	8,400	20,999,700	56,927,130	135	7,344	199
July	35,000	8,400	18,748,728	60,263,760	135	7,135	192
August . .	38,800	9,300	19,857,852	60,924,997	136	7,385	219
September	41,200	9,000	21,958,164	60,846,850	137	6,834	229
October . .	33,600	7,800	15,748,272	53,900,330	138	5,941	174
November	23,300	5,700	11,492,136	51,129,989	136	4,498	128
December	24,700	6,900	12,418,164	55,722,530	133	4,782	141
Total . .	.....	.....	151,946,352				

Coal used for heating purposes only when not running :

January,	2,400 lbs.
February,	300 lbs.
March,	1,200 lbs.

The monthly record will show the condition of the pond during the year. Following is record of rain fall:

Rain fall for 1895.

January	10.	.	.	.	.	.	.	1.42 inches.
"	13.	.	.	.	.	.	.	.25 "
"	21.	.	.	.	.	.	.	.17 "
"	26.	.	.	.	.	.	.	1.15 "
"	29.	.	.	.	.	.	.	.16 "
February	8.	.	.	.	.	.	.	1.17 "
March	4.	.	.	.	.	.	.	.48 "
"	7.	.	.	.	.	.	.	.88 "
"	13.	.	.	.	.	.	.	.88 "
"	15.	.	.	.	.	.	.	.10 "
"	25.	.	.	.	.	.	.	.05 "
April	3.	.	.	.	.	.	.	.92 "
"	9.	.	.	.	.	.	.	1.11 "
"	13.	.	.	.	.	.	.	2.10 "
"	16.	.	.	.	.	.	.	.13 "
"	22.	.	.	.	.	.	.	.16 "
"	27.	.	.	.	.	.	.	.19 "
May	4.	.	.	.	.	.	.	.58 "
"	12.	.	.	.	.	.	.	1.13 "
"	13.	.	.	.	.	.	.	.49 "
"	18.	.	.	.	.	.	.	.23 "
"	26.	.	.	.	.	.	.	.07 "
"	27.	.	.	.	.	.	.	.27 "
June	1.	.	.	.	.	.	.	.10 "
"	4.	.	.	.	.	.	.	.21 "
"	6.	.	.	.	.	.	.	.15 "
"	20.	.	.	.	.	.	.	.07 "
"	25.	.	.	.	.	.	.	.51 "
"	28.	.	.	.	.	.	.	3.77 "

July	1.	.	.	.	.	.	.	.22 inches.
"	4.	.	.	.	.	.	.	.20 "
"	6.	.	.	.	.	.	.	.19 "
"	7.	.	.	.	.	.	.	.10 "
"	9.	.	.	.	.	.	.	.83 "
"	13.	.	.	.	.	.	.	.19 "
"	14.	.	.	.	.	.	.	.37 "
"	16.	.	.	.	.	.	.	.12 "
"	22.	.	.	.	.	.	.	.15 "
"	27.	.	.	.	.	.	.	.15 "
"	30.	.	.	.	.	.	.	.94 "
August	3.	.	.	.	.	.	.	.10 "
"	7.	.	.	.	.	.	.	1.20 "
"	12.	.	.	.	.	.	.	.23 "
"	18.	.	.	.	.	.	.	1.50 "
"	24.	.	.	.	.	.	.	.10 "
"	31.	.	.	.	.	.	.	.71 "
Sept.	10.	.	.	.	.	.	.	.81 "
"	11.	.	.	.	.	.	.	.19 "
"	12.	.	.	.	.	.	.	.47 "
"	18.	.	.	.	.	.	.	.05 "
"	26.	.	.	.	.	.	.	.28 "
"	30.	.	.	.	.	.	.	.19 "
October	8.	.	.	.	.	.	.	.22 "
"	13.	.	.	.	.	.	.	7.40 "
"	16.	.	.	.	.	.	.	.12 "
Nov.	1.	.	.	.	.	.	.	2.92 "
"	2.	.	.	.	.	.	.	.59 "
"	9.	.	.	.	.	.	.	.15 "
"	15.	.	.	.	.	.	.	1.59 "
"	18.	.	.	.	.	.	.	.78 "
"	20.	.	.	.	.	.	.	.83 "
"	21.	.	.	.	.	.	.	.39 "

Nov.	24.	.	.	.	.	.	.	.	.23 inches.
"	25.	.	.	.	.	.	.	.	.15 "
"	26.	.	.	.	.	.	.	.	1.16 "
Dec.	6.	.	.	.	.	.	.	.	.83 "
"	21.	.	.	.	.	.	.	.	.82 "
"	27.	.	.	.	.	.	.	.	.36 "
"	31.	.	.	.	.	.	.	.	.72 "

LIST OF TOOLS AT STATION.

1 Portable forge.	1 pair Lawn shears,
1 Anvil,	1 Flue scraper,
2 Hammers,	1 Vise,
3 Stillson wrenches,	3 Pipe taps,
1 Pipe cutter,	1 Dust pan,
1 Ratchet drill,	1 Handlebrush,
9 Drills,	4 brooms,
2 S wrenches,	4 Lamps,
4 Cold chisels,	24 Chimneys,
2 Packing hooks,	1 Duster,
4 Monkey wrenches,	2 Slice bars.
1 Grindstone,	2 Fire hose,
1 Lawn mower,	1 Shovel.
1 Die plate and dies from $\frac{1}{4}$ to 1 inch,	

The pumps have been re-covered with asbestos. Everything is in good condition.

Respectfully yours,

CHARLES F. CHURCHILL,

Engineer.

REPORT OF THE

Water Loan Sinking Fund Commissioners.

MELROSE, Jan. 1, 1896.

To the Town of Melrose:

The water loan sinking fund commissioners present the following report of the transactions for the year ending with the above date :

The cash balance on Jan. 1, 1895, was	\$820 95
Interest received on water bonds,	160 00
Surplus from water board for 1894,	427 26
Interest from Savings Bank,	41 88
Interest on town note,	288 86
	\$1,738 95

The disbursements have been :

Rent of safe deposit box,	\$10 00	
George Newhall, treasurer,	50 00	60 00

Balance to our credit in the Melrose Savings Bank,	\$1,678 95
--	------------

There is also due from the water board, surplus of 1895,	3,907 18

Total cash,	\$5,586 13
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The sinking fund also owns four town of Melrose water bonds,	4,000 00
A note of the Town of Melrose,	7,221 55

Total sinking fund,	\$16,807 68
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For full details of this account and for a statement of water debt we refer to our treasurer's account.

It will be seen that we are still issuing bonds in excess of our net earnings. We call the attention of the town to the fact that we shall have to meet in the next five years, maturing bonds of \$10,000 each year, including the present year. We can take care of the \$10,000 maturing this year and probably of \$10,000 maturing next year, but unless the revenue increases or the expenses decrease, we shall probably be obliged to ask for a special appropriation toward the sinking fund, or an increased water tax, in order to meet the bonds, which mature in 1898, 1899 and 1900,

Respectfully submitted,

DANIEL RUSSELL,
JOHN W. FARWELL,
ROYAL P. BARRY.

REPORT OF THE BOARD

OF

SEWER COMMISSIONERS

OF THE

TOWN OF MELROSE, MASS.,

FOR THE

FINANCIAL YEAR ENDING DECEMBER 31, 1895.

MELROSE:

DUNTON & POTTER, PRINTERS, REPORTER OFFICE.

1896.

TOWN OF MELROSE, MASS.

SEWER DEPARTMENT.

1895.

COMMISSIONERS :

SETH E. BENSON, Chairman.

L. FRANK HINCKLEY, JOHN LARRABEE.

ENGINEER :

WALTER C. STEVENS.

SUPERINTENDENT OF CONSTRUCTION :

W. DABNEY HUNTER.

Report of Sewer Commissioners.

To the Citizens of Melrose:

Your commissioners respectfully submit their second annual report.

FINANCES.

During the year 1894 bonds were issued for sewer construction to the amount of \$75,000, the total amount authorized by the Act of 1894 being \$100,000. By vote of the town, March 21, the treasurer was authorized to issue the balance of \$25,000, and the selectmen and sewer commissioners were also authorized to petition the legislature for the passage of an Act authorizing a second issue of bonds to the amount of \$100,000. The Act was passed, the town accepted its provisions April 25, and authorized their issue. Sixty bonds have been sold, making a total bond issue for sewer purposes to January, 1896, of \$160,000. For a detailed statement of the expenditures of this department for the current year, reference is made to the financial statement at the close of this report.

CONTRACTS AND BIDS.

Sealed bids were received by the board, April 13, 1895, (the notice inviting same having been duly advertised) for the building of Section 4 and portions of Section 1, 5, and 7, of the sewerage system as adopted by the town, which includes all that district west of the Boston & Maine railroad, and lying between Russell street and Spot Pond brook on the south, and Perkins street on the north, and in addition thereto we have built a sewer in Waverly place, extending south 473 feet which was not included in the proposals.

SEWER REPORT.

THE FOLLOWING IS THE CANVASS OF THE BIDS RECEIVED.

Item.	EXPLANATION.	Antonio Michilini, of Reading, Mass.		Edward F. Brigham, of Boston, Mass.		Andrew W. Byrne, of West Medford, Mass.		Frank L. Allen, of Worcester, Mass.	
		Price.	Amount.	Price.	Amount.	Price.	Amount.	Price.	Amount.
(a)	Earth excavation (0-8).....	\$ 60	\$15,073 80	\$ 80	\$20,098 40	\$ 60	\$15,073 80	\$ 69	\$17,334 87
(b)	Earth excavation (8-12).....	85	3,082 10	1 00	3,626 00	75	2,719 50	1 00	3,626 00
(c)	Earth excavation (12-16).....	5 00	1,075 00	1 25	268 75	1 00	215 00	1 50	322 50
(d)	Earth excavation (16-20).....	10 00	150 00	2 00	30 00	1 50	22 50	2 50	37 50
(e)	Rock excavation (0-8).....	4 10	18,888 70	4 50	20,731 50	5 00	23,035 00	4 50	20,731 50
(f)	Rock excavation (8-12).....	6 75	12,420 00	5 50	10,120 00	5 00	9,200 00	5 50	10,120 00
(g)	Rock excavation (12-16).....	8 75	4,200 00	7 00	3,360 00	6 00	2,880 00	6 00	2,880 00
(h)	Rock excavation (16-20).....	6 00	750 00	8 50	1,062 50	8 00	1,006 00	6 50	812 50
(i)	Brick masonry.....	4 50	2,601 00	5 50	3,179 00	6 00	3,468 00	5 50	3,179 00
(m)	Concrete masonry.....	4 00	720 00	4 50	810 00	5 00	900 00	5 00	900 00
(u)	Belgium block paving.....	50	190 00	2 75	1,045 00	3 00	1,140 00	2 75	1,045 00
(o)	Spruce lumber placed and secured.....	40 00	240 00	40 00	240 00	40 00	240 00	40 00	240 00
(p)	6-inch pipe laid and secured.....	09	1,993 50	10	2,215 00	10	2,215 00	12	2,658 00
(r)	8-inch pipe laid and secured.....	09	758 70	12	1,011 60	10	843 00	15	1,264 50
(s)	10-inch pipe laid and secured.....	09	335 70	15	559 50	10	373 00	17	634 10
(t)	12-inch pipe laid and secured.....	09	114 30	15	190 50	15	190 50	19	241 30
(u)	Underdrain.....	15	4,500 00	15	4,500 00	15	4,500 00	15	4,500 00
(y)	Totals.....		\$67,092 80		\$73,047 75		\$68,015 30		\$70,526 77

April 17 it was voted to accept the bid of Andrew W. Bryne, and the work was begun immediately thereafter, carried forward without delay and finished within the time specified in the contract, (with the exception of paving around the manholes, which was omitted until spring by mutual agreement), all the work required being performed to the entire satisfaction of this board.

We desire to call attention to these facts, viz: The bid of Mr. Bryne, under the estimates furnished was \$68,015.30. The total amount paid and due Mr. Bryne under the contract to date is \$47,913.22, or \$20,102.08 less than his bid, which was based on the engineer's figures, and that while the bid of Mr. Bryne was but \$2,511.47 less than Mr. Allen, he performed the work for \$3,856.47 less than Mr. Allen would have done it, taking his prices on the actual work performed. The reason for the difference will be found by examining the canvass of bids as shown and the fact that there was less ledge work performed than estimated.

MATERIAL.

Bids were also received for the furnishing of material.

Bricks Delivered on the Work.

Andrew W. Bryne, sample 1, \$8.25 per m.; sample 2, \$7.40 per m.

Bay State Brick Co., sample 1, \$9.25 per m.; sample 2, \$8.50 per m.

Parry Brothers, sample 1, \$9.00 per m.

Bid of A. W. Bryne accepted.

Cement delivered at Stock Yard free of transportation charges.

Waldo Brothers, Boston, Portland cement,

West Kent brand in 500 bbl. lots . . . \$2.20 bbl.

Brooks Shubridge Co., Anchor brand,
 in car load lots, \$2.27 bbl.
 Wedge Shield or Phœnix brands in car load lots, 2.13 "

Rosendale Cement.

Hoffman brand, \$1.01 bbl.
 Bid accepted.

Manhole Castings and Covers, delivered at stock yard.

Pratt Cady Co., Hartford Conn., \$6.50 per set.
 Concord Foundry Co., Concord, N. H., . . 5.00 " "
 Waltham Foundry Co., Waltham, Mass., . . 6.25 " "
 Chelmsford Foundry Co., Chelmsford, Mass., 5.89 " "
 Mechanics Foundry Co., Roxbury, Mass., . 5.99 " "
 Bid of Concord Foundry Co. accepted.

Manhole Rods, 1,000 delivered at stock yard.

Thos. McCoubry, Melrose, 12½ cents each
 Joseph Edwards, " 14 " "
 Dodge, Haley & Co., Boston, 8¼ " "
 Bid of Dodge, Haley & Co. accepted.

Pipe.

By reason of a combination among the manufacturers we were unable to obtain bids in competition, a fixed price having been established and a uniform discount fixed; we therefore contracted with Perrin, Seamans & Co. of Boston for the pipe known as the "Granite pipe," at a discount on the list prices on regular standard pipe of 67 per cent., and on special deep socket pipe, 3-foot lengths, 59 per cent. This pipe in standard lengths has a deep socket, and we have therefore been enabled to use less of the special pipe. It was delivered promptly in good condition on cars at the

stock yard, was carefully inspected by our agent, and all pipe not equal to the specifications under the contract was rejected. The management of the stock yard has been excellent, and we are able to account for every piece of pipe, every barrel of cement, and all other material used, the system adopted accounting also for the street or place where used, so that the records of our office show the exact cost of all the streets by sections, for labor, material and superintendence.

Early in the season we purchased a testing machine for determining the strength of the materials furnished, cement, bricks, etc., which has been of advantage.

Material used during the year, 1,399 barrels Portland cement ; 801 barrels Rosendale cement.

There has been 62,678.50 feet of pipe laid, including chimneys, underdrain and private sewers ; 212 manhole covers and castings, including 18 private sewer covers.

The amount of stock on hand will be shown in the report of the Superintendent.

ENGINEERING.

Mr. W. C. Stevens desiring to continue his private business, made to us a proposition whereby he agreed to do all the engineering work on the sewers under contract, viz : spike out sewer lines, take levels on same, make working profiles of sewers, mark all grades and lines during construction, take measurements of ledge in trenches, make all estimates of excavation in earth and ledge each month during the work, make surveys and plans of sewers after completion, showing street lines, sewers, houses or buildings, fence lines and profiles of sewers on same sheets, all notes, plans and figures pertaining to the sewer to be the property of the town when made, two men to be kept at work on said sewers and plans during all the active operations of the

sewer work, and one or more men, as necessary, after such active work was done until said plans are completed. He also agreed to make the preliminary estimates and plans of next year's work in due season for same to be advertised for proposals, all for the sum of \$2,632, which proposition we accepted, and the plans and estimates of the work have been furnished as the work progressed according to the above agreement. Mr. Stevens has about completed the plans of section 5, and portions of sections 2 and 8 built last year from which the assessments will be made out as soon as practicable. Work will be commenced at once on the plans of sections built this year and assessments on same will follow as soon as possible. We desire to reaffirm our statement of last year concerning the importance of having complete plans of every street, and the establishment of an engineer's office, to which all the departments can apply for information and services as needed.

SUPERINTENDENCE.

W. Dabney Hunter, who so ably served us last year, was engaged as Superintendent at a salary of \$1,500 per annum, with the understanding that he should have immediate charge of the construction of all the sewer work, the stock yard, laying of house connections, employment of inspectors and the carrying forward of the work in accordance with the plans and specifications furnished and to be furnished by the engineer, subject at all times to the approval and direction of the board.

We have no hesitation in commending him for the faithful administration of his office, for his ability, experience, careful economy and earnest endeavor to discharge the duties imposed upon him for the best interests of the town and its citizens, we feel indebted.

OTIS STREET, HIGH STREET, ETC.

To avoid deep cuts through ledge and rock on Emerson street (west of Vinton street) on Cedar Park and on Oakland street, we purchased a right of way of J. Thomas Baldwin, et als, through what was formerly the Taylor estate, from Emerson street to Oakland street, thence the sewer passes through to the end of Charles street. Here it became necessary to cross some meadow land to reach Otis street. We petitioned the selectmen to lay out and extend Otis street, which they did, and it was accepted by the town. We agreed with the selectmen to build the street with the surplus material from the sewers. Having made a large saving by carrying the sewer in this direction, believing it to be for the interest of the town and the residents in the immediate vicinity that a street should be built rather than a right of way secured for the sewer *only*, we felt justified in the expenditure. A solid foundation for a road bed was made of rock, a large drain (20 inches) was laid the entire length of the extension, with proper manholes, etc., and connection made with the drain already laid in Otis street. Not having sufficient surplus material as anticipated to complete the street as agreed upon, we were obliged to pay for teaming material thrown out by the street railway company on Main street. In Otis street we encountered an old covered drain in the middle of the street, directly in the line of the sewer. With the assent of the selectmen we took up this drain and laid 24-inch drain pipe on the north side of the street, from the drain originally laid in Otis street to Vinton street.

To avoid deep cutting in ledge in North and South High streets we purchased of William Morss and Eben A. Walton a right of way through their premises to Cedar Park, saving thereby quite a large sum.

PRIVATE WAYS.

We have laid out as provided by law, main drains or public sewers in certain private ways and over private lands, all of which were reported to and accepted by the town and will appear in the records of the town meetings.

METROPOLITAN SEWER AND HOUSE CONNECTIONS.

Connection was made with the main sewer of the North Metropolitan Sewerage System, June 1, 1895, and house connections have been made as rapidly as applied for; 220 private sewers were laid during the year.

At town meeting held April 8, it was *Voted*, That the board of health be hereby authorized and directed to *make* and *enforce* such rules and regulations as said board may deem necessary for the safety and health of the people, with reference to house drainage and its connection with public sewers, where a public sewer abuts the estate to be drained, in accordance with the provisions of Chapter 108, Acts of 1889. They were also directed to enforce the provisions of Chapter 132, Acts of 1890, which provides for the connecting of buildings with public sewers, whenever in their judgment the public good so requires.

Compulsory action has been taken by the board of health in a few cases. We trust that our citizens will so appreciate the advantages of a proper sewer system that such action will be unnecessary in the future.

Rules and regulations concerning applications in this branch of service have been adopted by the board and are annexed to this report.

INTEREST AND SINKING FUND.

Your attention is respectfully called to the fact that there was received and paid into the treasury as premiums on

sewer bonds sold in 1894, \$4,813, and in 1895, \$5,342.50 ; a total of \$10,155.50 ; and for accrued interest on the said bonds \$1,340.01, making, \$11,495.51 which has been placed to the credit of the sewer fund. In our judgment it was not the intent of the town that this board should expend more than the amount appropriated for sewer purposes, and that this money properly belongs to the credit of the interest account, neither do we believe that it was the intent of the legislature that the interest falling due should be paid from the sewer account. The several Acts granting authority to the town all read: "The town of Melrose for the purpose of defraying the expense of laying, making and maintaining a system of main drains and common sewers, is authorized to issue bonds," etc. Furthermore, Section 2, of Chapter 323, Acts of 1894, specially provides that the receipts from payments, etc., after deducting the expenses shall be applied *first* to the payment of interest upon the bonds issued and the balance set apart to meet the requirements of the sinking fund for the payment or redemption of said bonds as provided by Section 9, of Chapter 29, of the Public Statutes. If the said receipts in any year shall be insufficient to pay the interest and to meet the requirements of law as to a sinking fund, then in such case, the town to meet said deficiency, *shall raise forthwith* such sum as will with the net income be sufficient to meet said requirements, said sinking fund to remain inviolate, etc. There has been paid from the sewer account for interest in 1894, \$1,500; in 1895, \$5,000; a total of \$6,500, which should, in our opinion, be transferred and paid from the interest account.

It is important that the town comply with the requirements of law and a sinking fund be established without delay.

ASSESSMENTS.

The action of the town in relation to the assessments for the benefits derived from the sewer, will be found in full in the records of the town meetings as published in this report. Briefly stated the plan as accepted and adopted by the town is *twenty-five* (25) *cents* to be assessed on each foot of lot frontage of estates on any street or way wherever a sewer is constructed, and *six* (6) *mills* per square foot upon the area of said estates extending back to a depth of one hundred (100) feet from the front of the same, an exemption being made on corner lots of not exceeding fifty feet of frontage. To enable persons to determine the exact cost of the sewer to their estates under the plan adopted we publish the schedule shown below. When estates front on more than one street, add frontage assessment (25 cents a foot) on second street, less fifty feet exemption.

SCHEDULE OF SEWER ASSESSMENTS.

Depth of Lot.	Street Frontage.									
	10	20	30	40	50	60	70	80	90	100
10	\$3.10	\$6.20	\$9.30	\$12.40	\$15.50	\$18.60	\$21.70	\$24.80	\$27.90	\$31.00
20	3.70	7.40	11.10	14.80	18.50	22.20	25.90	29.60	33.30	37.00
30	4.30	8.60	12.90	17.20	21.50	25.80	30.10	34.40	38.70	43.00
40	4.90	9.80	14.70	19.60	24.50	29.40	34.30	39.20	44.10	49.00
50	5.50	11.00	16.50	22.00	27.50	33.00	38.50	44.00	49.50	55.00
60	6.10	12.20	18.30	24.40	30.50	36.60	42.70	48.80	54.90	61.00
70	6.70	13.40	20.10	26.80	33.50	40.20	46.90	53.60	60.30	67.00
80	7.30	14.60	21.90	29.20	36.50	43.80	51.10	58.40	65.70	73.00
90	7.90	15.80	23.70	31.60	39.50	47.40	55.30	63.20	71.10	79.00
100	8.50	17.00	25.50	34.00	42.50	51.00	59.50	68.00	76.50	85.00

Based upon 25 cents per foot frontage and 6 mills per square foot of area.

GRAVITY FLUSHERS AND USE OF WATER.

We have placed in position and must soon have in operation sixty-seven gravity flushers. As explained in our last report these flushers are connected with the water supply and work automatically, the water supply being regulated so that

the tank will discharge its contents into the sewer as often as required to insure cleanliness. Necessarily a large amount of water will be consumed and the town in making an appropriation for the use of water the coming year should take the matter into account. The importance of the proper flushing of the sewers as their use increases cannot be over estimated; it is an imperative necessity, vital to the health of the community, cannot be avoided, and should be provided for.

GREENWOOD AND BOYNTONVILLE.

We received notice from a committee appointed by the town of Wakefield that they had been authorized and instructed to petition the legislature to admit the villages of Greenwood and Boyntonville into the North Metropolitan Sewerage District, with the purpose in view of connecting with our system or failing so to do to build a main line through our town and connect with the Metropolitan system at Wyoming avenue. They also suggested that the town defer letting contracts for sewer construction where the trunk sewer if used in common would naturally be laid, until plans can be perfected therefor by the Metropolitan Commissioners. As it is our intention unless otherwise directed by the town, to extend the sewers through the easterly portion of the town, beginning at Mount Vernon street on the south and working northerly during the coming season, and believing that we had no authority in the matter we have taken no action, and respectfully refer the same to the town for consideration.

LEGISLATION.

Acting under your instructions the selectmen and sewer commissioners petitioned the present legislature for author-

ity for another issue of bonds amounting to \$50,000, and that the said bonds with those heretofore issued, should not be included or reckoned in determining the authorized limit of municipal indebtedness. Additional legislation was also asked defining the powers and duties in connection with the levying and collecting of the assessments, and that an amendment should be made to the first Act passed, so that the town may use the money received from assessments for additional construction and not be obliged, as previously provided, to carry the same into a sinking fund and continue to petition for the issuing of more bonds.

The following is the Act as passed.

AN ACT

To authorize the Town of Melrose to incur Additional Indebtedness for the purpose of constructing a System of Sewerage.

Be it enacted by the Senate and House of Representatives in General Court assembled, and by the authority of the same, as follows:

SECTION I. The town of Melrose, for the purpose of defraying the expense of laying, making and maintaining a system of main drains and common sewers, is hereby authorized, to issue from time to time as may be required therefor, in addition to the amount heretofore authorized, bonds, notes or scrip to an amount not exceeding fifty thousand dollars; such bonds, notes or scrip shall bear on their face "Melrose Sewerage Loan, Act of 1896," shall be payable at the expiration of periods not exceeding thirty years from the date of issue; shall bear interest, payable semi-annually, at a rate not exceeding four per cent. per annum, and shall be signed by the treasurer and counter-

signed by the sewer commissioners of said town. Said town may sell such securities or any part thereof from time to time at public or private sale ; but none of said bonds, notes or scrip shall be issued or sold except in compliance with the vote of said town, nor for less than the par value thereof.

SEC. 2. The said bonds, together with those heretofore issued for the purpose of laying, making and maintaining a system of main drains and common sewers, shall not be included or reckoned in determining the authorized limit of indebtedness of the town of Melrose.

SEC. 3. The board of sewer commissioners of said town, whenever, upon the completion of such sewer system as said town may adopt, or any section thereof, shall levy an assessment upon the owners of the estates benefited thereby, shall transmit to the collector of taxes of said town a list of persons assessed, together with the amount due from each. Each person shall pay his assessment to the said collector within three months after said list has been so transmitted : *provided*, that the board having charge of such assessment may apportion the payment as provided in section three of chapter three hundred and twenty-three of the acts of eighteen hundred and ninety-four. The collector shall serve upon the person assessed or upon any person occupying or having charge of the estate upon which the assessment is made, a notice stating the amount due and the time when the same is payable ; such notice placed in the mail, postage prepaid, addressed to the owner, occupant or person having charge of the estate assessed, to his address last known to the collector, within one month after said list is committed to the collector, shall be deemed a sufficient notice under this section. Said assessment shall not be invalid by reason of any mistake in the name of the owner of real estate to be

assessed, notice of such assessment having been given as aforesaid.

SEC. 4. Assessments so made shall constitute a lien on the estates included in the fixed depth determined by the said town under the provisions of section 7, chapter fifty, of the Public Statutes for two years after the same are made and committed to the collector for collection, or in case of apportionment for two years after the last instalment is due, and may with incidental costs and expenses be levied by sales of such estate if the assessment is not paid within three months after the date of notice from said collector that the list had been transmitted to the collector, or if a portion within three months after each assessment is payable. Such sales to be conducted, and the owners of such estates to have the same right to redeem as in cases of sales for the non-payment of taxes. Such assessments may also be collected by action of contract brought at any time within six years after the same may be due. Any person aggrieved by such assessment may apply to the board having charge of such assessment for an abatement of the same, and may appeal from the decision of said board in the manner now provided by law for appeals from assessments for construction of sewers.

SEC. 5. Section two of chapter three hundred and twenty-three of the acts of eighteen hundred and ninety-four is hereby amended by striking out the words "assessments and," so that the town of Melrose may expend all monies received from assessing upon real estate any part of the cost of laying, making, maintaining and repairing common sewers, in defraying the expense of laying, making and maintaining a system of main drains and common sewers in the town of Melrose.

SEC. 6. This act shall take effect upon its passage.

CONCLUSION.

All claims for damages either for land taken or by reason of accidents occurring during construction have been satisfactorily settled without litigation. There has been a large amount of material contributed for use on the highways, the streets which were left by the contractor for 1894 in an unsatisfactory condition have been repaired under the direction of the selectmen, and we have allowed and paid from this department for the same. We have caused every item connected with the work of last year to be carefully examined, re-estimated and are expecting a final settlement with the contractor at an early date. As stated above, it is our purpose, with the approval of the town, to construct sewers in the thickly settled portions of the town east of Main street during 1896, which will leave the Highlands and a small section at the Fells to be constructed in 1897. We congratulate the town upon the prospect of being able to construct the remaining portions of the system *actually needed* without a further issue of bonds. The Act of 1896 provides that the money received from assessments may be used for construction, which, if promptly paid, will we trust, be sufficient; should the assessments remain unpaid by reason of being apportioned under the law, interest will accrue at the rate of five per cent. per annum, and if necessary the money can be borrowed *temporarily* in anticipation of their payment.

Respectfully submitted,

SETH E. BENSON,

L. FRANK HINCKLEY,

JOHN LARRABEE,

Sewer Commissioners.

RULES AND REGULATIONS.

Acting under the authority prescribed by Section 4 of the act of 1892, Chap. 345, we have made the following rules and regulations for the construction and use of particular sewers.

RULES AND REGULATIONS,

Relating to Particular (Private) Sewers, Adopted by the Sewer Commissioners of Melrose.

1. All applications for the construction of particular sewers, and their entrance into common sewers shall be made upon blank forms, to be obtained at the office of the Commissioners of Sewers, Town Hall building, and shall be signed by the owner or by the accredited agent of the premises to be sewered.

2. The applicant must deposit the amount of the estimated cost of his particular sewer as determined by the Board of Sewer Commissioners at their office before the work is commenced. Said amount shall be a credit on the cost of the sewer applied for.

3. No particular sewer (unless by special consent of the Board of Sewer Commissioners) larger than five inches in diameter, or which is constructed of material other than vitrified or iron pipe of an approved weight, or which drains more than one building, will be allowed to connect with any common sewer. All sewers shall be laid accurately to straight lines and grades. If angles along the lines thereof are unavoidable, manholes or other approved means of access shall be provided.

4. The materials and labor required in the construction

of particular sewers and appurtenances thereof shall be provided and done by the Sewer Commissioners, or their duly authorized agents, and by no other person or persons; excepting that the applicant may make all of the excavation and back-fill outside the street lines, excepting so much as will affect the proper bedding and securing of the pipe or other structure. All materials furnished and all labor performed by the town shall be charged at the actual cost to the town, an exhibit of which will be furnished each applicant upon the completion of the work. The difference between the estimated cost and that actually found shall be made good by the party debtor. The use of any particular sewer will not be allowed until any deficiency in the amount of cost as estimated shall be made good by the applicant in the case.

5. No particular sewer which does not have a "clean-out" in a direct line of the pipe to the common sewer, will be allowed to connect with any common sewer.

6. No person shall be allowed to make any alteration in or make any connection with any particular sewer, further than that intended in the original permit, without making another application and obtaining permission to do so from the Sewer Commissioners.

7. The Sewer Commissioners may at any time require such grease traps or ventilating pipes to be introduced along the line of any particular sewer, or on the discharge of any fixture connected therewith as they may deem necessary for the proper maintenance of the said particular sewer, or of the common sewers.

8. No exhaust from steam engines, and no blow-off from steam boilers shall be connected with a common sewer through any particular sewer or otherwise.

9. No excessive quantity of manufacturing or other waste which shall be at a high temperature or otherwise calculated

to unduly interfere with the proper maintenance of the common sewer, shall be allowed to enter therein.

10. All particular sewers shall be under the control of, and be maintained and kept clean by the town. The expense in cleaning and repairing any particular sewer shall be paid by the owner of the premises connected by said particular sewer: provided, however, that any labor on particular sewers occasioned by defects or obstructions in the common sewer shall be paid for by the town.

11. Any person who shall violate any of the provisions or these rules and regulations shall be liable to a penalty not exceeding twenty dollars (\$20.00) for each violation.

Blank forms will be furnished at the office of the Sewer Commissioners in the Town Hall building, immediately upon receipt of which, an estimate will be furnished of making the connection desired. Upon the return of the estimate duly signed with the amount stated accompanying the same, the work will be performed under the direction of the superintendent of this department.

SETH E. BENSON,
L. FRANK HINCKLEY,
JOHN LARRABEE,
Sewer Commissioners.

FINANCIAL STATEMENT.

Sale of Bonds.

Frank H. Bufford, printing		
bonds,	\$45	00
Melrose Journal, advertis-		
ing,	3	75
Boston Daily Advertiser,		
advertising,	26	25
Boston Transcript Co., ad-		
vertising,	9	90
Boston Journal, advertising,	6	40
		\$91 30

Office Furniture and Expenses.

F. H. Baxter, clerk,	\$144	00	
Emma L. Leighton, clerk, . .	73	00	
E. M. Fisher, typewriting, . .	20	25	
Mabel Washburn, typewrit-			
ing,	3	00	
E. K. Bordman, clerk,	100	00	
Services of inspectors, mak-			
ing plans and estimates,	212	25	
			\$552 50
Orpin Bros., desk,	46	25	
J. H. Pray & Sons, oil cloth,			
mats, etc.,	100	00	
C. H. Hutchinson, level rod			
and repairs,	22	50	
Mass. Manf'g & Electric			
Mfg Co., table,	18	50	
J. J. McCullough, shades, . .	3	00	
<i>Amounts carried forward,</i>	\$190	25	\$643 88

<i>Amounts brought forward,</i>	\$190 45	\$643 80
A. W. Parker, stock and labor,	5 50	
D. R. Woodward, stock and labor,	6 20	
W. J. McFarlin, lamp,	1 87	
D. O. Morton, screens,	6 00	
F. P. Baker Co., framing plan,	1 00	
		\$210 82

Advertising.

Boston Herald Co., advertising,	\$11 12	
Globe Newspaper Co., advertising,	10 00	
Engineering Record, advertising,	6 00	
Melrose Journal, advertising,	21 70	
Melrose Reporter, "	2 00	
		50 82

Printing, Books and Stationery.

Dunton & Potter, printing reports,	\$165 25	
Dunton & Potter, specifications and contract,	114 20	
W. W. Winship, mail bag,	4 50	
Frost & Adams, engineers' implements,	76 18	
H. Partridge & Co., stationery,	1 00	
Boston Blue Print Co., paper,	2 20	
C. W. Ellison, rent P. O. box and stamps,	38 50	
<i>Amounts carried forward,</i>	\$401 83	\$905 44

<i>Amounts brought forward,</i>	\$401 83	\$905 44
Larrabee & Stearns, tele- phone service, . . .	13 95	
W. D. Hunter, supplies and traveling expenses, . .	22 09	
Books, printing statements and blank reports, . . .	189 50	
Geo. F. King & Merrill, supplies,	79 85	
F. W. Barry, Beal & Co., supplies,	24 40	
Allen Bros., rubber stamps,	5 10	
J. E. Ricker, blank books,	1 25	
H. W. Clark, sewer glasses,	2 38	
C. H. Hutchinson & Co., tapes,	2 00	
		742 35

Engineers' Services.

Walter C. Stevens, . . .	\$2,155 00	
Arthur G. Worthen, . .	182 00	
Chas. F. Woodward, . .	67 50	
		2,404 50

Superintendence.

W. D. Hunter, salary, . . .	\$1,319 86	
S. F. Howes, horse and buggy,	321 75	
		1,641 61

Inspection on Work and Pipe, Labor and Teaming.

Inspection on work pay roll,	\$2,826 50	
Inspection of pipe, labor and teaming pay roll, . .	2,021 95	
Private sewers, labor pay roll,	3,712 40	
Maintenance, labor pay roll,	166 39	
<i>Amounts carried forward,</i>	\$8,727 24	\$5,693 90

<i>Amounts brought forward,</i>	\$8,727 24	\$5,693 90
Otis st. drain, labor pay		
roll,	261 71	
Otis st. extension, labor		
pay roll,	216 49	
Street repairs, labor pay		
roll,	284 89	
Crescent place sewer, labor		
pay roll,	20 81	
Lynn and Boston railroad,		
labor pay roll,	14 12	
		\$9,525 26

Cement.

Waldo Brothers,	\$3,950 15	
S. E. Benson & Co., . . .	20 20	
		\$3,970 35

Pipe.

Perrin, Seamans & Co., . .	\$6,951 81	
Portland Stoneware Co., . .	30 64	
S. E. Benson & Co., . . .	87 62	
		\$7,070 07

Brick.

Bay State Brick Co., . . .	\$131 25	
Andrew W. Bryne,	2,070 61	
Lyman E. Pierce,	3 33	
		\$2,205 19

Freight.

Boston & Maine R. R., . .	\$2,305 86	\$2,305 86
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Expressage.

Eastman's express,	\$19 50	
American Express Co., . .	1 40	20 90
<i>Amounts carried forward,</i>		\$30,791 53

Amount brought forward, \$30,791 53

Iron Work and Sundries.

Osgood & Hart, castings	
and flushers, . . .	\$1,054 18
Concord Iron Foundry, cast-	
ings for man holes, . . .	897 65
Perrin, Seamans & Co., tools,	566 12
Perrin, Seamans & Co.,	
sieves,	8 19
Perrin, Seamans & Co., jute,	92 05
Fairbanks Company, testing	
machine and moulds, . . .	112 50
Fairbanks Company, scale,	6 13
F. E. Fitts, pine bungs, . .	1 80
J. P. Deering & Co., lumber,	131 74
Clement's Emporium,	
cheese cloth,	7 53
F. G. Houghton, cheese	
cloth,	23 05
G. L. Westgate & Son, cheese	
cloth,	13 47
H. J. Perry, hardware, . . .	47 33
Gravity Flusher Co., royal-	
ty, 1894,	273 00
Gravity Flusher Co., royal-	
ty, 1895,	196 00
W. A. Goodno, labor,	27 43
J. B. Margeson, labor and	
stock,	4 75
Automatic Register Co.,	
register,	23 85

Amounts carried forward, \$3,486 77 \$30,791 53

Amounts brought forward, \$3,486 77 \$30,791 53

Dodge, Haley & Co., M. H.

rods, \$82 50

Thos. McCoubry, repairing

tools, 47 35

Clark & Co., compo. ends, . 44 00

A. C. Simms, sewer hoes, . 25 00

J. W. Mann, " rods, . 31 60

Scrannage Bros., bib cocks, 48 00

S. E. Benson & Co., coal

and wood for pump, . 16 54 .

S. E. Benson, rent of yard, 300 00

Geo. Newhall, rubber boots, 9 00

A. W. Lynde, team and

gravel, 29 10

R. Philpot, gravel, . . . 4 20

C. L. Hoffman, concrete

and gravel, 21 63

Trueworthy Norris, teaming

gravel, Otis street, . . . 227 25

C. T. Fernald, gravel, . . ' 3 90

S. & R. J. Lombard & Son,

covering stone, 13 50

S. E. Benson & Co., teaming

cement, 4 00

Chas. A. Ripley, stock and

labor, 7 05

Brock Bros., soil pipe and

supplies, 364 63

Burnett & Co., soil pipe, . 160 50

S. M. Scribner, supplies, . 11 48

A. W. Bryne Construction

Co., use of steam pump, 33 63

Amounts carried forward, \$4,971 63 \$30,791 53

Amounts brought forward, \$4,971 63 \$30,791 53

L. F. Hinckley, oil, salt	
and candles,	22 74
Bugbee & Barrett, bags, .	20
Kaulback, Miller Co., sup-	
plies,	9 23
New England Water Pipe	
Co., lead lined pipe, .	12 10
A. W. Parker, stock and	
labor,	2 15
A. W. Chesterton, repairs	
on boilers,	75
Holbrook & Norton, oil, .	96
Town of Melrose, water de-	
partment, water and con-	
necting flushers,	380 58
Town of Melrose, highway	
department, repairs, .	800 00
Town of Melrose, highway	
department, pea stone, . .	11 25
Town of Melrose, highway	
department, repair of	
drains,	34 50
George Holmes, building	
manholes,	114 50
Bernard Hellrich, building	
manholes,	9 50

6,370 09

Contracts.

Frank L. Allen, . . .	\$11,673 91
Andrew W. Bryne, . .	45,517 56
	\$57,191 47
<i>Amount carried forward,</i>	\$94,353 09

Amount brought forward, \$94,353 09

Claims and Land Damage.

C. L. Hoffman, repairing lawn,	50 00	
A. McBeth, repairing, H. J. Philbrick team,	6 00	
J. B. Johnson, repairing H. J. Philbrick team,	3 75	
Wm. Morss, land damage,	200 00	
Eben A. Walton, land damage,	350 00	
J. Thomas Baldwin et als., land damage,	325 00	
J. Leslie Woodfall, consulting engineer, services,	33 00	
Brackett & Roberts, legal services,	7 00	
Frank M. McLaughlin, serving notices,	3 00	
		\$977 75

Salaries.

S. E. Benson, services as commissioner,	50 00	
John Larrabee, services as commissioner,	50 00	
L. F. Hinckley, services as commissioner,	50 00	
		\$150 00

Interest on Bonds

June, 100 coupons,	\$2,000 00	
December, 150 coupons,	\$3,000 00	
		\$5,000 00
<i>Amount brought forward,</i>		\$100,480 84

Amount brought forward, \$100,480 84

Contra.

Balance on hand, January

1, 1895, . . . \$8,523 22

From sale bonds, Nos. 76 to

160, inclusive, . . . 85,000 00

From premiums, . . . 5,342 50

From accrued interest, . . . 623 33

From highway department

for pipe, 52 99

From highway department,

for engineers' services, . . . 125 00

From water department, for

pipe, 41 67

From G. F. Allen, for pipe, . . . 4 14

A. J. Burnett, for pipe, . . . 1 34

From Perrin, Seamans &

Co., for labor, 28 13

S. E. Benson & Co., pipe

and cement, 102 00

From private sewers, . . . 5,349 79

\$105,194 11

Unexpended balance, \$4,713 27

\$105,194 11

RECAPITULATION.

Received from sale of 160 bonds, \$1,000 each,	\$160,000 00
“ “ premiums,	10,155 50
“ “ accrued interest,	1,340 01
“ “ private sewers,	5,349 79
“ “ all other sources,	730 27
	\$177,575 57
Expended for construction, 1894, .	\$72,381 46
“ “ 1895, .	94,553 01
“ private sewers, “ .	5,651 73
“ maintenance, “ .	276 10
Unexpended balance,	\$172,862 30
	\$4,713 27

*Plan of sewers
in the*
TOWN OF MELROSE

*built in 1895 by
AWBRYNE, CONTRACTOR.*

Scale 250 ft = 1 in.

SETH E BENSON }
L FRANK HINCHLEY } BOARD OF SEWER
JOHN LARRABEE } COMMISSIONERS



Stoneham
Town line
Melrose





Superintendent's Report.

MELROSE, MASS., January 1, 1896.

To the Board of Sewer Commissioners of the Town of Melrose.

GENTLEMEN:—In compliance with your request I herewith submit the first annual report of the superintendent of sewers of the town of Melrose:

Appointed to this position March 15, 1895, my first duties were to prepare forms of specifications and contracts for the construction of a section of the sewer system of the town of Melrose, and for the purchase of material to be used in the construction thereof (pipe, brick, cement, manhole castings and steps).

SEWER PIPE.

The pipe used this season was "Granite" pipe, Knowles, Taylor & Anderson, makers. All pipe received was thoroughly inspected, and all pipe of an inferior quality rejected and removed from the yard.

On account of the difference in the discount obtained on special and on standard pipe (the standard pipe being much cheaper) I used standard pipe in all dry trenches, and by so doing a considerable saving was made. When the work was begun I carefully took account of stock of all kinds, and charged this to the inspector at the yard. All material purchased (excepting brick) was delivered at the yard and a return was made daily of all stock received by him, and no bill for stock was approved unless such return was found on file at the office with proper voucher. A regular debit and

credit account was opened with the yard, all stock purchased being charged, and all stock delivered to the work credited. A similar account was kept with each street, and in this way I was able to trace all stock and see that the same was properly used. I think the tendency of such an account is to make all parties concerned more careful and economical, and prevents the waste common to all large public works.

The following table I think is self explanatory. It shows the total amount of stock purchased or otherwise obtained, the amount on hand March 15, 1895, the amount used and otherwise accounted for, the amount broken in the yard, the amount destroyed on the work (which will be paid for by the contractor at the time of final settlement) and the amount on hand January 1, 1896.

Stock account for the year ending Dec. 31, 1895.

[illegible][illegible]

Stock used in construction to complete F. L. Allen's contract and repair of sewers.

[illegible]

Stock used in construction on miscellaneous work.

[illegible]

Date		Description		Amount	
1900	Jan 1	Balance		100.00	
1900	Jan 15	Received from A. B.		50.00	
1900	Feb 1	Received from C. D.		25.00	
1900	Feb 15	Received from E. F.		75.00	
1900	Mar 1	Received from G. H.		100.00	
1900	Mar 15	Received from I. J.		150.00	
1900	Apr 1	Received from K. L.		200.00	
1900	Apr 15	Received from M. N.		250.00	
1900	May 1	Received from O. P.		300.00	
1900	May 15	Received from Q. R.		350.00	
1900	Jun 1	Received from S. T.		400.00	
1900	Jun 15	Received from U. V.		450.00	
1900	Jul 1	Received from W. X.		500.00	
1900	Jul 15	Received from Y. Z.		550.00	
1900	Aug 1	Received from A. B.		600.00	
1900	Aug 15	Received from C. D.		650.00	
1900	Sep 1	Received from E. F.		700.00	
1900	Sep 15	Received from G. H.		750.00	
1900	Oct 1	Received from I. J.		800.00	
1900	Oct 15	Received from K. L.		850.00	
1900	Nov 1	Received from M. N.		900.00	
1900	Nov 15	Received from O. P.		950.00	
1900	Dec 1	Received from Q. R.		1000.00	
1900	Dec 15	Received from S. T.		1050.00	
1900	Dec 31	Balance		1100.00	

CEMENT.

All cement used in construction has been tested by means of the Fairbanks testing machine and found to be of satisfactory quality. Portland cement, Brooks Shubridge, brand, was used for all pipe joints and the bottom of all manholes, also the tops of all manholes were laid in this cement. American cement ("Hoffman" brand,) was used in dry places. (For number of barrels of each kind of cement bought and used, see table of stock account.)

Note. The nine barrels of Portland which appears on the foregoing table as being sold to, and twenty cask of Rosendale cement which appears as being bought of S. E. Benson & Co., was in reality an exchange for the accommodation of this department, the exchange being made in this way to simplify accounts.

BRICK.

Bricks were "up and down" hard burned brick of a cheap quality (\$7.40) per 1,000 delivered on the work. Although hard and making good strong work, it is a question in my mind if a pallet brick at an increased price would not be cheaper in the end, as the bricks used last were (and in fact all cheap brick are) very brittle and a large number of bats were unavoidably wasted.

MANHOLE CASTINGS

Were obtained by contract of the Concord Foundry Co., of Concord, N. H. The town purchased early in the spring a new and extra heavy steam road roller. I therefore increased the weight of these castings from 416 pounds to 500 pounds. The covers have not been entirely satisfactory. Many of them have been found cracked, and as a result a demand was made upon the Concord Foundry Co., to replace all covers found broken, which they did.

SEWER CONSTRUCTION.

The contract was awarded to Andrew W. Bryne of West Medford. On April 25th the bond was approved, the contract executed and the work begun.

The first opening was on Emerson street, at the junction of Essex street, the work extending westerly across the tracks of the Boston & Maine railroad. In order not to interfere with the usual travel, it was thought advisable to tunnel the tracks, owing to the nature of the material (fine sand) and the large quantity of water encountered. This proved to be a difficult work. It had been in progress about a week, and the centre of the tracks reached, when the roof of the tunnel "slumped" and the "heading" was lost; this damage was repaired, and the work carried successfully to completion, under the supervision of the contractor's representative, Mr. James L. Bryne.

The following week two other openings were made, and the force employed was steadily increased until six openings were in operation. The sewers, although not so deep as last season, were either in ledge or very wet ground. In ledge the pipes were laid in concrete as a precaution to insure them from being broken by the excessive weight of the back filling. In the wet ground the pipes were laid in what is termed a cradle, as is shown by sketches on pages 298 and 299. This method of laying pipe was adopted by Mr. George A. Wetherbee, city engineer of Malden, last season, and owing to the very good results obtained by him was tried here with success. This method of laying pipe not only diminishes the leakage of ground water, but is also an additional foundation and prevents settlement, with which we were troubled to some extent last season.

On Wyoming avenue, near Trenton street, and on Hurd street, from Circuit street to Cottage street, the material

Andrew W. Bryne, DATED APRIL 25, 1895.

Total amount of contract \$47913.22

No.	Name	Address	Remarks
1	John Smith	123 Main St, New York	...
2	Jane Doe	456 Elm St, New York	...
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100	...	...	...

Table showing total cost of sewers built in 1895.

Number.	Streets Sewered	Number of Section	Sewers built by	Size of Sewer	Length of Sewer	Size of Subdrain	Length of Subdrain	No Manhole	No Chimney	No Ys.	No Flushers	Cu yds. of Earth excavation	Cu yds. of Rock Excavation	Cost of Labor	Cost of Material	Cost of Eng. Sup't. & Insp. @ 1st	Cost of Laid Insp. & Teaming @ 1st	Total Cost.	Cost per ft.	Remarks.		
1	Adams St. Myoming Ave. South	7	A.M. Byrne	6"	435.00			3		33	1	298.47	34.81	457.00	154.86	84.39	21.75	718.90	16.53			
2	Baxter "	4	"	6"	1347.12			8		89	1	1146.67		982.00	498.13	26.15	67.39	1808.42	1.34			
3	Cedar Park "	4	"	6"	1254.08	4"	1261.55	8	11	74	1	1195.24	158.28	2042.06	533.37	24.32	62.70	2837.41	2.29			
4	" " North	4	"	6"	458.85	4"	96.00	3		31		244.57	134.36	917.94	134.83	89.02	22.94	1164.74	2.53			
5	" " South	4	"	6"	251.58			4		30	cancel	248.04	141.66	982.73	166.67	87.61	22.58	1252.59	2.78			
6	Circuit St	4	"	6"	628.18	5"	628.18	3		43	1	608.91			669.61	234.47	12.07	31.41	1057.36	1.68	Sheeting left in	
7	Cleveland " Baxter Sanford	4	"	6"	600.74			3		46	1	503.30			423.82	116.53	20.04	756.88	1.26			
8	" " Sanford North	4	"	8"	566.68	4"	116.00	2		48		556.08			455.76	179.47	10.94	28.83	774.00	1.36		
9	Cottage " Hurd Foster	4	"	8"	722.23	4-5"	724.00	3	34			1010.21		1230.95	344.04	14.01	36.11	1751.21	2.42	Sewer laid in boxes - sheeting left in.		
10	" " Myoming Ave. North	4	"	6"	369.65	4"	266.99	2		23	1	382.32			368.39	142.88	7.62	18.46	601.35	1.62		
11	" " " South	4	"	6"	266.25	4"	270.00	2		16		276.79			388.04	114.48	5.65	13.31	567.48	2.13	Sheeting left in	
12	Charles " Otis North	4	"	6"	128.00	4"	320.00	1		10	1	94.55	28.40	245.67	73.77	24.83	6.40	350.67	2.74			
13	" " - Emerson	4	"	6-8"	449.74	4-5"	302.00	3		31	1	418.11	25.31	536.65	23.62	87.25	23.48	882.59	1.96			
14	Chester " "	7	"	6"	189.57	4"	187.00	1		16	1	150.70		1544.64	89.43	26.78	9.48	2801.44	1.33			
15	Cutter " "	4	"	6"	310.00			2		23		115.82			212.24	94.01	6.05	15.50	381.90	1.23	Sewer laid in concrete	
16	Emerson " Essex West	4-5	"	6-8"	1929.00	4-5"	707.00	11	22	93	1	2118.94	244.60	3744.16	928.98	378.23	96.95	5142.82	2.66	Sheeting left in part of the trench		
17	Florence " Myoming Ave. North	4	"	6"	450.00	4-5"	458.00	2		33	1	453.21			561.59	194.35	87.30	22.50	865.74	1.92	Sewer laid in boxes - sheeting left in.	
18	" " Hurd Foster	4	"	6"	750.00	4-5"	486.00	3	12	29	1	888.25		908.69	302.51	14.53	37.50	1401.20	1.86			
19	Foster " Cottage East	4	"	6"	150.00			1		9	cancel	138.18		124.27	52.38	29.10	7.50	213.25	1.42			
20	" " - East	4	"	6"	650.65			3	18	19		632.66			200.31	126.22	32.53	931.50	1.43			
21	Grundy " "	7	"	6"	199.98	4"	208.00	1		16	1	177.63			203.44	99.02	38.80	10.00	351.26	1.75	Sewer laid in boxes	
22	High " N. Front and Cedar Pl	4	"	6"	750.00			5	5	47	1	723.66	56.5	628.72	246.87	14.55	37.50	1058.65	1.41			
23	" " South	4	"	6"	436.00			2		33		198.63	244.65	1419.09	103.24	84.58	21.00	1628.73	3.73			
24	" " East	4	"	6"	161.33			2		10	1	66.49			608.74	85.09	31.30	8.06	733.10	4.54		
25	" " North Union St. East	4	"	6"	136.54			2	7	2		53.87	101.94	574.36	15.69	26.48	6.83	626.43	4.58			
26	Hurd " "	4	"	8-10"	1313.70	4-6"	1313.70	7	24	36		1400.30	122	2063.90	834.67	254.86	65.68	3219.15	2.45	" " " " " Sheeting left in		
27	Leeds " "	4	"	6-8"	232.38	5"	190.00	2		16		170.70	26.92	325.67	112.39	45.08	11.62	494.57	2.12			
28	London Pl	4	"	6"	300.65	4"	120.00	1	4	16	1	313.63		279.92	105.85	58.32	15.03	459.13	1.52			
29	Maple St Cleveland East	4	"	6"	172.38			1		11	1	172.38			154.53	79.91	33.44	8.62	276.50	1.60		
30	" " West	4	"	6"	174.83					12		155.58			111.38	24.70	33.42	8.74	178.74	1.02		
31	" " Sanford North East	4	"	6-8"	133.61			7		22	1	69.21	71.82	1001.22	358.00	268.20	66.80	1684.92	1.26			
32	Oakland " Charles East	4	"	6-8"	749.12			1	23	24		713.48	101.15	1028.49	177.60	14.53	37.45	1438.00	1.92			
33	" " Union West	4	"	6"	403.35			2	7	23	1	405.69	15.20	413.23	134.26	78.25	20.17	645.90	1.60			
34	Otis " "	4	"	10"	1183.75	5"	1183.75	5		86		925.46			1518.58	22.96	59.18	2451.93	2.07	Sewer laid in boxes - sheeting left in		
35	" " Brain	4	"	6-8"	450.00			3				78.22			328.89	42.51	87.30	22.50	861.20	1.94		
36	Perkins " "	4	"	8"	937.30	4-5"	892.00	6		62		1113.29	66.26	1427.79	423.27	181.84	46.86	2079.94	2.21			
37	Pine " "	4	"	6"	415.00			3	9	12	1	169.54	299.87	1736.21	166.74	80.51	20.75	1942.17	4.80			
38	Poplar " "	4	"	6"	239.64	4"	440.00	2	3	13		221.93	31.18	364.66	93.00	46.49	11.98	516.13	2.14			
39	" " Maple North	4	"	6"	531.25			5		39	1	370.52	64.32	681.06	218.89	103.06	26.50	1029.66	1.93			
40	Private land of A.L. Taylor	4	"	8"	377.21	4"	372.00	1		20		208.30	6.28	324.28	129.29	73.18	18.86	545.62	1.44			
41	" " Brain	4	"	10"	207.00							90.85			91.70	6.60	4.00	10.35	148.10	7.19		
42	Prospect St	4	"	6"	1040.00			5	28	32	1	716.30	382.10	2592.74	311.39	20.76	52.00	3157.80	3.03			
43	Sanford " Florence Cleveland	4	"	8"	293.85	4"	294.00	1		22		308.59			319.87	107.70	53.00	14.69	495.26	1.68		
44	" " Tappan East	4	"	6"	230.08	4"	320.00	1		15	1	172.77			161.54	84.50	42.69	11.00	299.73	1.36	Sheeting left in part of trench.	
45	" " Union West	4	"	8"	575.40			3		38		289.65	3.50	302.16	173.24	111.63	28.77	615.80	1.02	" " " " " "		
46	" " - East	4	"	6"	250.21	4"	127.00	2		17	1	131.30			182.30	117.19	48.54	12.51	360.54	1.44	" " " " " "	
47	Tappan " "	4	"	6-8"	1020.37	4"	533.00	5		71	1	837.22			857.93	353.14	197.95	51.02	1460.02	1.43	Sewer laid in boxes - sheeting left in	
48	Union " Myoming Ave. South	7	"	6"	630.50	4"	638.00	4		42	1	609.82			791.49	122.32	31.52	122.32	1940		Sheeting left in.	
49	" " Ave. N	4	"	6"	399.59	5"	341.00	2		32	1	441.88			500.63	176.83	77.52	19.98	777.96	1.94	" " " "	
50	" " Hurd Foster	4	"	6"	698.68	4"	368.00	3	14	27	1	243.12			814.72	226.80	135.54	34.93	1212.09	1.73	" " " "	
51	Union " Emerson Perkins	4	"	10-12"	1228.63	4-5"	916.00	5	30	34		1331.97	349.28	3618.14	776.49	238.35	61.43	4694.32	3.81	" " " " part of trench.		
52	" " Cedar Park South	4	"	6"	200.00	4"	113.00	1		15	1	172.65			61.21	479.37	93.53	38.80	10.00	621.70	3.10	
53	" " North	4	"	6"	253.95	4"	51.00	2		19	1	168.28	63.18	497.04	113.95	49.26	12.70	672.95	2.65			
54	" " Foster	4	"	6"	302.29			2		22		197.38	73.63	543.14	80.71	58.64	15.11	697.87	2.08			
55	Marbley Place	8	"	6"	473.00	4-6"	474.00	2	17	7		495.90			586.90	181.40	91.76	23.65	840.00	1.83	Sewer laid in boxes - sheeting left in.	
56	Muller St. Myoming Ave. Baxter	4	"	6-8"	451.85			2		33	1	206.86	59.61		516.59	155.06	87.56	22.57	782.01	1.72		
57	" " Baxter North	4	"	8"	337.61	4"	189.00	2		24		183.60			565.10	159.97	65.50	16.88	607.45	1.79	Part	
58	Myoming Ave	4	"	8-10"	2045.10	4-6"	1338.00	15	24	99		2170.26			2802.33	1254.20	396.75	102.25	4555.53	2.22	Sewer laid in boxes - sheeting left in	
59	Yule St	4	"	6"	891.72	4"	211.00	4	20	28		902.87	18.30	950.04	268.24	172.99	44.58	1435.86	1.61			
60	Main " Groen St. South	8	Frank L. Allen	6"	1521.4	4"	57.00	3		10	1	125.44	63.57	475.48	131.35	30.28	7.85	645.08	4.05			
61	Lake Ave Tremont St. East	2	"	6"	829.46	5"	203.00	4	8	40	1	1156.74			1117.59	276.37	160.91	11.47	1596.32	1.92	Sheeting left in	
62	Grove St Repairs on sewer East of Main	5	"	12"	134.00	6"	8.00			6					278.64	59.07	26.00	6.70	370.94	2.78		
63	Foster St	5	"	10"	1800										157.10	12.56	31.0	8.0	175.17	10.48		
64	Essex " " West	5	"	18"	3900										339.26	24.61	7.58	1.95	370.38	9.50		
65	Berwick " " Brain	5	"	15"	300											120	.58	1.5	1930	6.44		
66	Main " " Sewer and drain	5	"	20"	783	6"	78.90				6	166.22			720.24	44.25	15.30	3.94	783.30	9.34		
67	Extra work on various streets setting flushers	5	"												34.18	77.92			111.70			
68	Crescent Place	5	Town of Melrose	6"	7500			2		5					20.81	40.84	14.55	3.75	79.90	1.06		
69	Cottage St surface drain	4	"													.27			.70			
70	Extra work raising Manholes	4-5	"													34.27			34.27			
71	Private sewers	4-5	"	5"	11067.00			18				7736.67		3802.00	1310.17		247.25	5359.82	4.84			
					46527.42																	

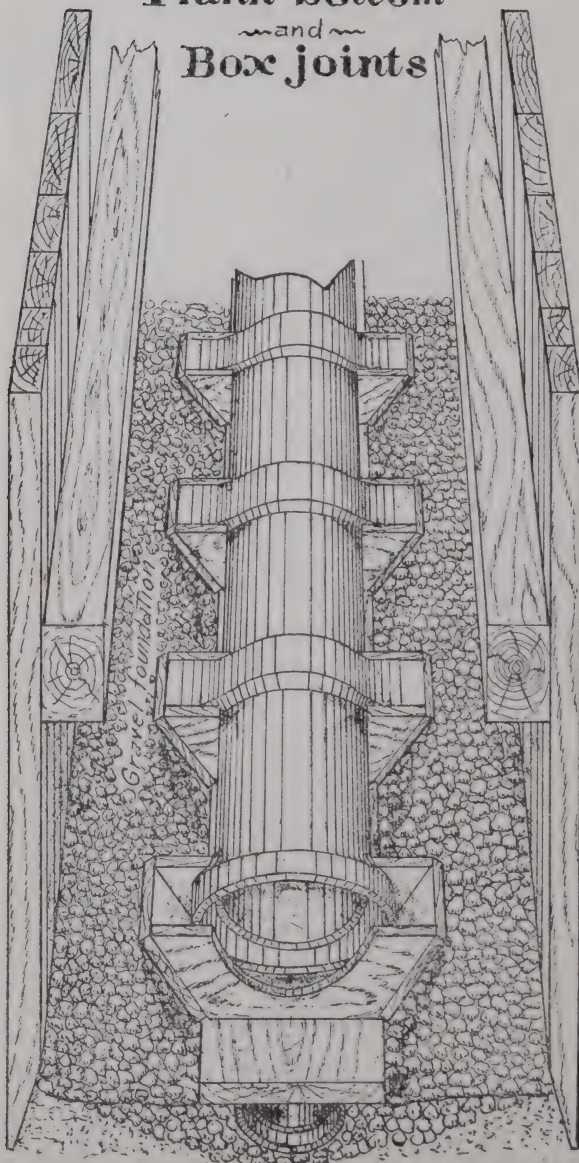
1874

Name		Age		Sex		Occupation		Religion		Marital Status		Date of Birth		Date of Death	
John Smith		45		Male		Farmer		Methodist		Married		1829		1874	
Mary Smith		42		Female		Homemaker		Methodist		Married		1832		1874	
William Smith		15		Male		Student		Methodist		Single		1859		1874	
Elizabeth Smith		12		Female		Student		Methodist		Single		1862		1874	
James Smith		10		Male		Student		Methodist		Single		1864		1874	
Sarah Smith		8		Female		Student		Methodist		Single		1866		1874	
Thomas Smith		6		Male		Student		Methodist		Single		1868		1874	
Anna Smith		4		Female		Student		Methodist		Single		1870		1874	
Robert Smith		3		Male		Student		Methodist		Single		1871		1874	
Margaret Smith		2		Female		Student		Methodist		Single		1872		1874	
Charles Smith		1		Male		Student		Methodist		Single		1873		1874	

was extremely fine and difficult to handle. I found it necessary for some distance on Wyoming avenue to lay pipes in concrete.

The date fixed by the contract for the completion of the work was "on or before November 1, 1895," and on that day the work was practically completed, had in the most part been examined and found to be in good condition. Buildings were being connected.

Sketch of Sewer
laid with
Plank bottom
~and~
Box joints

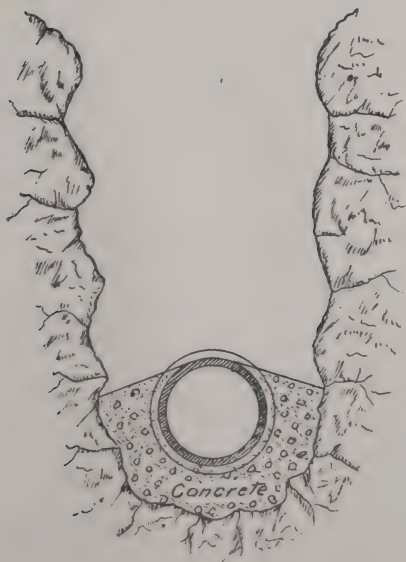


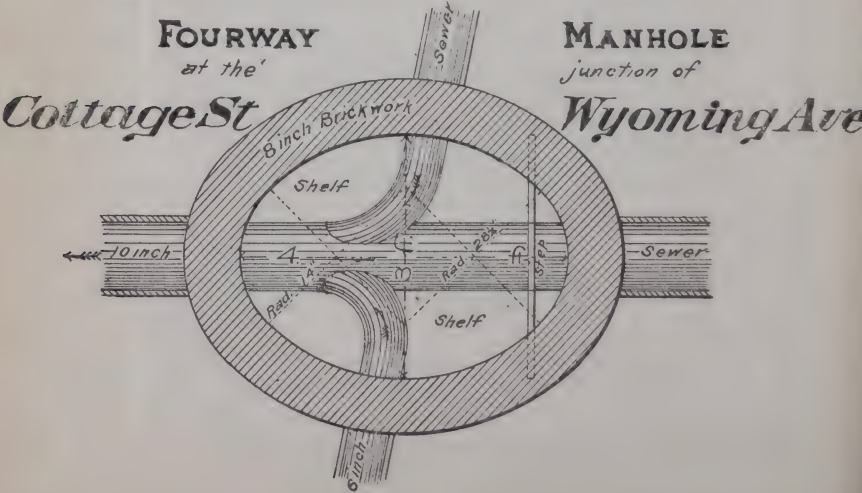
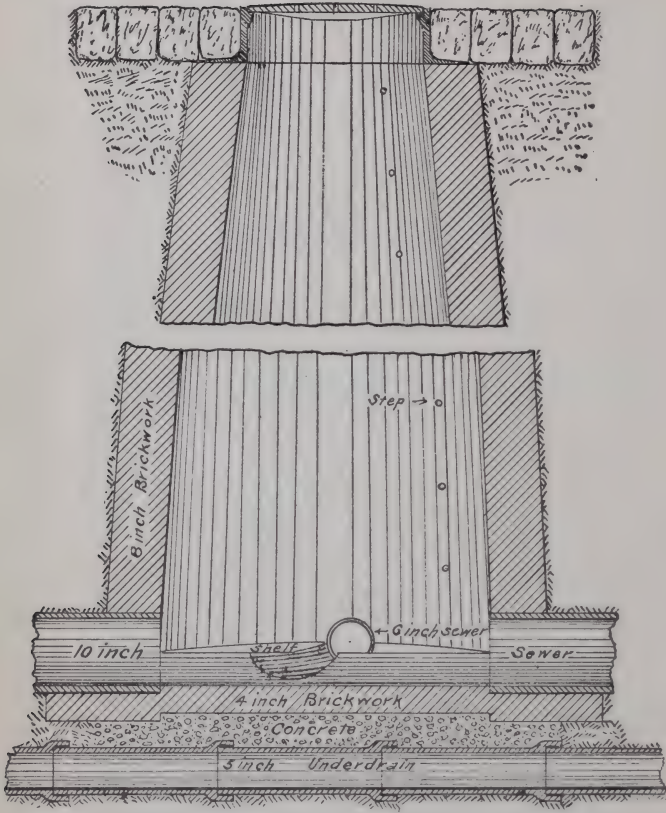
SECTION OF SEWER

as laid in ledge

MON

Vinton St.-Oakland St.

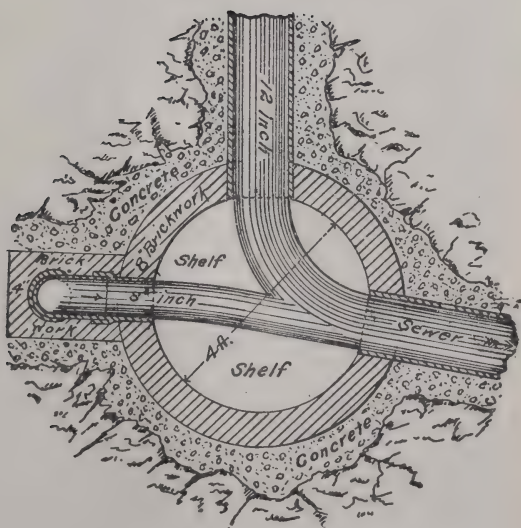




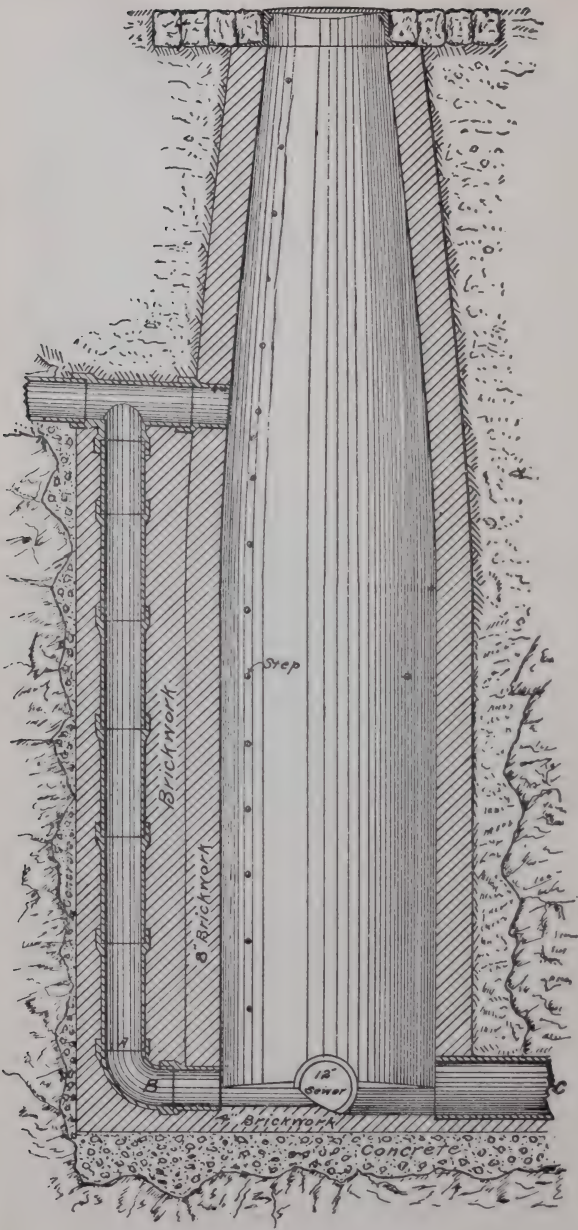
DROP MANHOLE

at the junction of

Vinton and Emerson Sts.



CROSS SECTION ON A.B.C.



LONGITUDINAL SECTION.

Following is a table of all sewers built to date :

Size.	Constructed in 1894.	Constructed in 1895.	Totals.
6 pipe.....	14,004.16 feet.	20,411.66 feet.	34,415.82 feet.
8 ".....	5,439.89 "	8,020.03 "	13,459.92 "
10 ".....	1,508.02 "	4,968.55 "	6,476.57 "
12 ".....	949.95 "	1,250.69 "	2,200.64 "
15 ".....	354.80 "	.....	354.80 "
18 ".....	2,715.07 "	.....	2,715.07 "
20 ".....	2,788.30 "	.....	2,788.30 "
24 ".....	1,213.10 "	.....	1,213.10 "
20 brick.....	111.00 "	.....	111.00 "
24 ".....	28.00 "	.....	28.00 "
Totals.	29,112.29 feet.	34,650.93 feet.	63,762.92 feet.

Total length of common sewers built to date is 12.076 miles.

PRIVATE SEWERS.

In May your board received a letter from the board of Metropolitan Sewerage Commissioners stating that on and after June 1, 1895, the Metropolitan Sewer would be in operation for the reception of sewage from Melrose, and that they would on request of your board remove the "bulkhead" at the Metropolitan Sewer.

The bulkhead was removed June 1, 1895. Before any private sewers were laid, a thorough examination was made of all sewers constructed in 1894, the "sump" pumped out and thoroughly cleaned of sand and all parts of this "section" put in good order.

Rules and regulations were adopted by your board whereby the town furnished all labor and material for private sewers at cost, and required that an estimate of the cost be made and collected before the work was begun, the account to be adjusted when the actual cost was ascertained.

I have made 302 "estimates" of cost. As a large portion of the inhabitants of Melrose are engaged in business out of town and leave early in the morning and do not return

until night, a good portion of this work had to be done either before seven o'clock in the morning or after six at night, and often required several visits to the premises before the owner could be found.

Of the 302 estimates made, 220 have been paid and work performed, which is as follows :

220 buildings connected with the sewers.	
Total length of private sewers 11,067 ft., or 2.096 miles.	
Average cost per ft., \$.48448.	
Average depth, 6.33 feet.	
Number of cubic yards of earth and rock, 7,736.	
Cost for labor per yard, \$.441, including laying the pipe.	
The total amount of all bills charged to the private sewer	
account as per books, is . . .	\$5,651 73
The total cost as charged to owners, is . . .	
	5,359 82
The amount collected and paid treasurer, is, . . .	
	5,349 79
Uncollected (from Benjamin Ames), . . .	
	10 03
	\$5,359 82

It will be seen from the foregoing that the private sewers have apparently cost the town \$291.91, but there are tools and stock on hand at the yard belonging to this account which will offset this amount.

It will be seen from the foregoing that the cost per yard for earth and rock excavation has been 44.1 cents, the price paid on our contract work this season for earth excavation was 60 cents. This shows a saving to the owners of 15.9 cents per cubic yard on the excavation, and as this also includes laying the pipe for which we paid the contractor 10 cents per linear foot, the following example will show the average saving to property owners.

EXAMPLE.

Trench 50 ft. long and 9 ft. deep if done by contract the cost for labor would be:

50 cubic yards earth excavation at 60c.,	\$30 00
Laying 50 ft. 5 in. pipe at 10c., . . .	5 00
Total,	———— \$35 00

As done by the town:

50 cubic yards earth excavation, including laying pipe at 44.1c., . . .	22 05
Amount saved the owner by the town doing the work,	———— \$12 95

The list of persons employed the past season by the Sewer Department is as follows:

Clarence T. Fernald, as inspector, at yard, and on works, as draughtsman, and on general work in the office.

W. H. Martin, inspector at yard.

Frederick L. Saltmarsh as foreman and inspector.

Simeon P. Adams, “ “ “

Frederick E. Ellis, “ “ “

A. Lincoln Shedd, inspector.

C. M. Johnston, “

C. H. Hollingsworth, “

Frederick Brett, “

A. P. Perry, “

Frederick L. Hoffman, “

John H. Larrabee, timekeeper.

Miss Frances H. Baxter, clerk.

Miss Emma L. Leighton, clerk.

Respectfully submitted,

W. DABNEY HUNTER,

Superintendent.

REPORT OF PARK COMMISSIONERS.

The appropriation for this department was two hundred and fifty dollars.

The expenditures in detail are shown in the report of the auditor.

The money has enabled the board to place a handsome granite curbing around the small public square at Norrisville, and also on the Main street side of the public square at the junction of Main and Lynde streets.

At the March meeting the committee, consisting of the park commissioners, Hon. W. E. Barrett, Col. F. S. Hesseltine, John W. Robson and Joshua T. Nowell, submitted a plan for the taking of Dix's pond, and land, in the rear of the town hall, for park purposes. But it was rejected by the town upon the statement by town officials and others that under the authority of the legislature regarding the issue of sewer bonds, the town had reached its debt limit. This statement regarding the finances of the town has since been found to be both mistaken and misleading. But it was effective at the time.

The park commissioners, together with a committee consisting of John Larrabee, Walter Babb and John W. Farwell, are now considering the matter of taking the land in the rear of the old cemetery, through to Upham street, for public purposes. Their report will be submitted to the town in town meeting.

During the year, the board has concurred in the action of the Metropolitan Park Commissioners, in releasing to the original owners a large tract, taken for the Metropolitan

Park, but found to be unnecessary. It was, therefore, released in the interests of economy. The land released, returns to Melrose in taxable property several thousand dollars.

The amount of the assessment upon Melrose, on account of the Metropolitan Park has not yet been determined.

The board would call attention to the need of the improvement of Melrose Common, of the small open grounds at Wyoming, of additional shade trees throughout the town, and of securing before too late and too expensive, land for internal improvements and play grounds.

CHARLES H. ADAMS, Chairman.

MAURICE G. COCHRANE, Secretary.

FRANK F. PREBLE, Treasurer.

REPORT OF THE REGISTRARS OF VOTERS,

FOR THE YEAR 1895.

Total number of voters as per last report,	
November 6, 1895,	2,209
Registered February 14, 1895,	5
“ February 21, 1895,	6
“ February 23, 1895,	14
	<u>25</u>
	2,234
Names dropped in February on account of	
deaths,	5
	<u>5</u>
Total,	2,229
Names dropped from voting lists in September, not assessed for 1895,	
	153
	<u>153</u>
	2,076
Names registered and restored Oct. 3, 1895,	13
“ “ “ “ “ 10, 1895,	11
“ “ “ “ “ 17, 1895,	43
“ “ “ “ “ 26, 1895,	73
	<u>140</u>
	2,216
Deceased,	1
	<u>1</u>
Total, November 1, 1895,	2,215
Divided into precincts as follows :	
Precinct 1,	480
Precinct 2,	893
Precinct 3,	842
	<u>842</u>
Total,	2,215

WOMEN VOTERS.

Number of women voters per last report,	.	.	.	59
Registered October 10, 1895,	.	.	.	14
“ October 17, 1895,	.	.	.	23
“ October 26, 1895,	.	.	.	165
				261
Deceased,	.	.	.	2
Total, November 1, 1895,	.	.	.	259
Divided according to precincts as follows :				
Precinct 1,	.	.	.	49
Precinct 2,	.	.	.	134
Precinct 3,	.	.	.	76
Total,	.	.	.	259

Respectfully submitted,

ALFRED HOCKING,

WALTER BABB,

VICTOR C. KIRMES,

E. K. BORDMAN,

Registrars.

WARRANT.

To either of the Constables of the Town of Melrose, in the County of Middlesex : *GREETING.*

In the name of the Commonwealth of Massachusetts, you are hereby required to notify the inhabitants of the town of Melrose, qualified to vote in elections and town affairs, to meet at the Town Hall, on Monday, the second day of March, A. D. 1896, at 6 o'clock a. m., then and there to act on the following Articles, viz. :

ARTICLE 1. To choose a Moderator.

2. To bring in their votes for Town Officers ; and in answer to the question "Shall licenses be granted for the sale of intoxicating liquors in this town ?" All ballots are to be furnished by the town, and will be distributed at the polls by officers duly appointed in accordance with provisions of laws accepted by the town. Polls to be kept open until 5.30 p. m.

3. To choose any other town officers deemed necessary, or required by law.

4. To authorize the Town Treasurer to borrow money, with the approval of the Selectmen, in anticipation of taxes.

5. To see if the town will authorize the Treasurer to hire money, with the approval of the Selectmen, for the purpose of renewing, replacing, or the payment of any loan or loans now existing.

6. To hear and act upon the report of the Finance Committee, appointed at meeting November 18, 1895.

7. To determine the amount of money to be raised and appropriated to defray town charges for the ensuing year, and for payment of the town debt.

8. To fix the compensation of all officers and committees elected and appointed by the town.

9. To raise money for the use of water in hydrants, public buildings, etc., and for any other necessary expenses for the ensuing year.

10. To determine the method by which the taxes for the year shall be collected.

11. To see if the town will vote to raise the sum of two hundred dollars (\$200) for keeping in repair and decorating the graves of soldiers on Memorial Day.

12. To see if the town will appropriate a sum sufficient to place a marker of the Society of the Sons of the American Revolution, at the grave of each revolutionary soldier or sailor buried in this town, the expense not to exceed one dollar (\$1.00) each.

13. To see if the town will vote to direct the Selectmen to request or order the Lynn and Boston Street R. R. Co. to lay a double track on Main street, from Mt. Vernon street to Porter street. On petition of Harry Stevens and others.

14. To see if the town will instruct the Board of Selectmen to confer with joint special committees of the City Councils of the city of Malden and the city of Everett, in relation to the matter of the extension of Lebanon street to a point intersecting Ferry street, or Broadway, in said Everett, and to consider the advisability of petitioning the County Commissioners to lay out such extension. On petition of George R. Jones and others.

15. To see what action, if any, the town will take with reference to the widening of the drain or brook, to its original width, running from Linwood avenue to the Ell

Pond brook, and clear the same from obstructions. On petition of Frank R. Upham and others.

16. To see if the town will appoint a committee with full authority to confer with the proper officials of the Boston and Maine Railroad, and present the necessity and justice of a reduction of the rates of fare, both of single passage and of the 50 and 100-ride books, between the various stations of Melrose and Boston, and to co-operate with the other cities and towns within a fifteen-mile radius of Boston, on the line of the Maine system, to that end. On petition of Charles E. Todd and others.

17. To see if the town will grant to A. E. Rogers a temporary right of way over the town land, to the rear of his block on Franklin street. On petition of J. H. Draper and others.

18. To see if the town will properly drain the territory now damaged by the water running from Highland avenue, east of Sargent street to and beyond Franklin street. On petition of R. Philpot and others.

19. To see if the town will vote to pay the expense of furnishing bonds for the Treasurer, Collector of Taxes, or any other town officers, and raise or appropriate money for the same.

20. To see if the town will raise and appropriate a sum not exceeding five hundred dollars for the purpose of employing counsel, who shall serve as attorney for the town, and furnish legal advice to the several officers and departments when required. By request of Geo. L. Morse, Esq.

21. To see if the town will raise and appropriate the sum of two hundred dollars for the purpose of contracting with the Melrose Hospital, for the reception, care and treatment of persons who, by misfortune or poverty, require relief during temporary illness. By request of Geo. L. Morse, Esq.

22. To see what action the town will take in the matter of allowing the town of Wakefield to connect with the main line of sewer at the town line in Greenwood street, for the purpose of admitting the territory comprising the village of Greenwood and Boyntonville to the North Metropolitan Sewerage System. By request of the Sewer Commissioners.

23. To see if the town will accept the provisions of an Act of the Legislature for 1896, entitled "An Act providing for the removal of the dead from the Old Burial Ground in Melrose," and fix a time for the removal of the remains and monuments, raise or appropriate money therefor, as provided in said Act, and pass any other votes deemed necessary in connection with said acceptance and removal. By request of the Cemetery Committee.

24. To see if the town will accept the provisions of an Act of the Legislature for 1896, entitled "An Act to authorize the Town of Melrose to incur additional indebtedness for the purpose of constructing a System of Sewerage," and authorize the issue of the bonds, notes or scrip contemplated in the Act, designate their denomination, length of time and interest, and pass any other votes necessary to carry out the will of the town. By request of the Sewer Commissioners.

25. To see if the town will vote to place a fire-alarm box at the corner of Bellevue avenue and Porter street. On petition of C. H. Adams and others.

26. To see if the town will vote to accept the following streets, as laid out by the Selectmen, viz.:

1. Street leading from Highland avenue to Richardson road (so called), known as Henry avenue.
2. Street leading from Ashland street east, to Ashland street west, on a circle, known as Richardson road.

3. Street leading from Ashland street, west, to Winthrop place, known as Alpine street.
4. Street leading from Highland avenue, north, to Richardson road (so called), known as Ashland street.
5. An extension of Ashland street, from Franklin street, north, to Highland avenue—in accordance with plan submitted.
6. An extension of Florence street, from Wyoming avenue, southerly to Russell street.
27. To hear and act upon the reports of committees, and for the transaction of any other business which may legally come before the meeting.

And you are directed to serve this warrant by posting attested copies thereof at the Town Hall, each of the post offices and depots in the town, not less than seven days before the day appointed for said meeting, and by leaving printed copies of the warrant at the dwellings of the legal voters before the day of meeting.

Hereof fail not, and make due return of this warrant, with your doings thereon, to the Town Clerk, at the time and place of said meeting.

Given under our hands this fourteenth day of February, in the year one thousand eight hundred and ninety-six

DANIEL NORTON,
EUGENE H. MOORE,
JOHN P. DEERING,
SIDNEY H. BUTTRICK,
CHARLES W. COOK,

Selectmen of Melrose.

A true copy. Attest :

A. B. PIERCE, Constable.

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